

SERVICE MANUAL

MODEL

PFM-510A1WU

PFM-510A1WE

DEST.

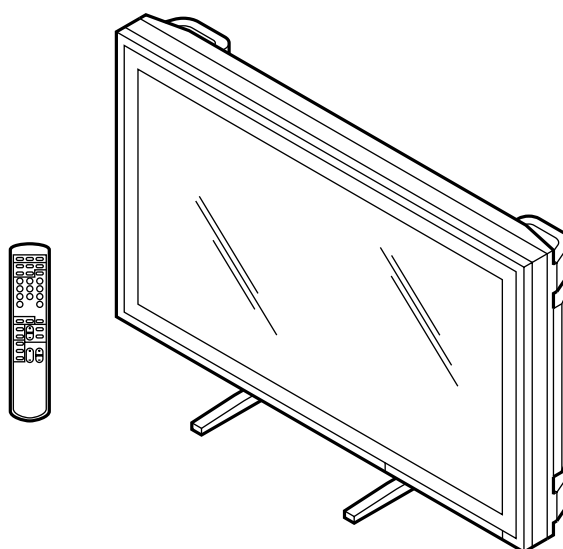
US/CND

AEP

MODEL

RM-921

MB-514



FLAT PANEL MONITOR

SONY[®]

⚠ WARNING

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠ WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegebenen Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠ AVERTISSEMENT

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

WARNING!!

AN INSULATED TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS. THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY A ⚠ MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION!!

AFIN D'ÉVITER TOUT RISQUE D'ÉLECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ÊTRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MAPQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIÈCES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

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Section 1 Operating Instructions

This section is extracted
from operation manual.

1-1. PFM-510A1WU/510A1WE Operating Instructions

3-867-473-01 (1)

SONY®

Flat Panel Monitor

Operating Instructions _____	GB
Mode d'emploi _____	FR
Bedienungsanleitung _____	DE
Manual de instrucciones _____	ES
Istruzioni per l'uso _____	IT
取扱説明書 _____	JP

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電気製品は安全のための注意事項を守らないと、
火災や人身事故になることがあります。

この取扱説明書には、事故を防ぐための重要な注意事項と製品の取り扱い方を示しています。この取扱説明書をよくお読みのうえ、製品を安全にお使いください。お読みになったあとは、いつでも見られるところに必ず保管してください。

PFM-510A1WU
PFM-510A1WE
PFM-510A1WJ

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Sony Corporation Printed in Japan

WARNING

Owner’s Record

The model and serial numbers are located on the rear.
Record the model and serial numbers in the spaces provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

For the customers in the U.S.A.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

For the customers in Canada

This class A digital apparatus complies with Canadian ICES-003.

For the customers in Europe

This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

For PFM-510A1WE users

THIS APPARATUS MUST BE EARTHED

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

- Green-and-yellow : Earth
- Blue : Neutral
- Brown : Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked with the letter E or by the safety earth symbol ⚡ or coloured green or green-and-yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Voor de klanten in Nederland



Bij dit produkt zijn batterijen geleverd.
Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA.

The socket-outlet should be installed near the equipment and be easily accessible.

Note

When you connect a computer to this monitor, attach the supplied ferrite cores. If you do not do this, this monitor will not conform to mandatory FCC/IC/CE (EN55022) standards.

Attaching the ferrite cores

Set the ferrite cores on the both ends of the AC power cord. Close the lid tightly until the clamps click.

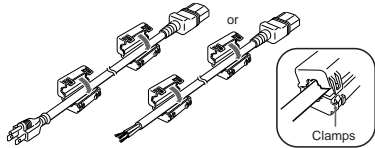


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Precautions

On safety

- Operate the unit on 100 to 120 V AC or 220 to 240 V AC.
- The nameplate indicating operating voltage, power consumption, etc. is located on the rear.
- Should any solid object or liquid fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for several days or more.
- To disconnect the AC power cord, pull it out by grasping the plug. Never pull the cord itself.
- When the unit is installed on the floor, be sure to use the retractable feet.

On installation

- Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- When you install multiple equipment with the unit, the following, such as Remote Commander's malfunction, noisy picture, noisy sound, may occur depending on the position of the unit and other equipment.

On PDP (Plasma Display Panel)

- There may be some tiny black points and/or bright points on the PDP. These points are normal.
- Do not display a same still image on the screen for long, consecutive time. Otherwise, the afterimage may appear on a part of a panel. Use the screen saver eventually to equalize the screen display.

On cleaning

To keep the unit looking brand-new, periodically clean it with a mild detergent solution. Never use strong solvents such as thinner or benzine, or abrasive cleansers since these will damage the cabinet. As a safety precaution, unplug the unit before cleaning it.

On repacking

Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it as illustrated on the carton.

If you have any questions about this unit, contact your authorized Sony dealer.

Features

The PFM-510A1W series are 16:9 42-inch flat panel monitor adopting the PDP (Plasma Display Panel) and accepts various types of signals with the built-in scan converter.

Improved image quality

The PDP achieves higher image quality with 1024 × 1024 lines. This makes for finely-detailed HDTV and PC images. You can get greater brightness and contrast over conventional monitors.

Internal high-performance scan converter

The monitor has a high performance scan converter. Using a unique algorithm, the monitor processes signals in a wide range of formats – Video, HDTV, PC, etc.

Flexibility

An option slot is in place for future expansion. The slot-in option adapter allows for quick and easy system upgrades.

Other features

- Three sets of video inputs with audio inputs: one composite video or Y/C inputs, one RGB input, and one RGB/component input.
- Displays the HDTV signal with tri-level sync signal.
- Three dimensional comb filter for NTSC Y/C separation.
- Line correlation comb filter for PAL Y/C separation.
- Automatic input signal detection with indication.
- Windows95/98¹⁾ PnP (Plug and Play) compatible.
- Picture AGC function — this function automatically adjusts and improves the contrast when a low intensity signal is input.
- On-screen menu for various adjustments and settings
- On-screen display in five languages for user-friendly access.
- Fine adjustment of image size and position
- Memory function for storage of up to five picture settings.
- ID control
- Self-diagnosis function.
- Remote (RS-232C) connector (mini DIN 8-pin)
- Control-S connector
- Accepts infrared or wired Sony Remote Commanders using SIRCS code.
- Vertical setup

Warning on power connection

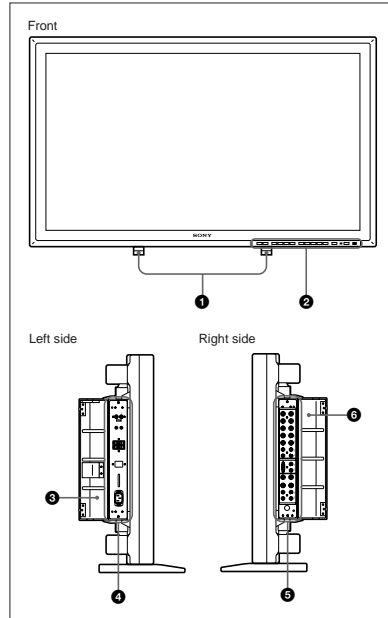
Use a proper power cord for your local power supply.

	United States, Canada	Continental Europe	United Kingdom, Ireland, Australia, New Zealand	Japan
Plug type	VM0033B	COX-07	636	—
Female end	VM0113	COX-02	VM0310B	VM0303B
Cord type	SJT	H05VV-F	CEE (13) 53rd (O.C)	HVCTF
Minimum cord set rating	13A/125V	10A/250V	10A/250V	10A/125V
Safety approval	UL/CSA	VDE	VDE	DENTORI

1) Windows95/98 is a registered trademark of the Microsoft Corporation.

Location and Function of Parts and Controls

Front / Sides



1 Retractable feet

Use for setting the monitor on the floor.
For details on using the retractable feet, see "Using the Retractable Feet" on page 12 (GB).

2 Control panel

For details on the control panel, see "Control Panel" on page 7 (GB).

3 Left panel cover

Open it when using the left connector panel.
You can install the Remote Commander in the back of this cover.

For details on opening the panel cover, see the right on this page.

4 Left connector panel

For details on the left connector panel, see "Left Connector Panel" on page 10 (GB).

6 (GB)

5 Right connector panel

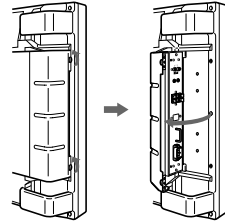
For details on the right connector panel, see "Right Connector Panel" on page 8 (GB).

6 Right panel cover

Open it when using the right connector panel.
For details on opening the panel cover, see the below on this page.

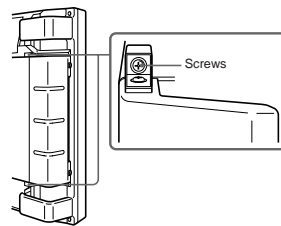
To open the panel cover

Loosen the screws counterclockwise and open the cover.



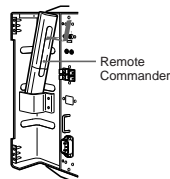
To take off the panel cover

Loosen the screws as illustrated below and take off the panel cover.



To install the Remote Commander in the panel cover

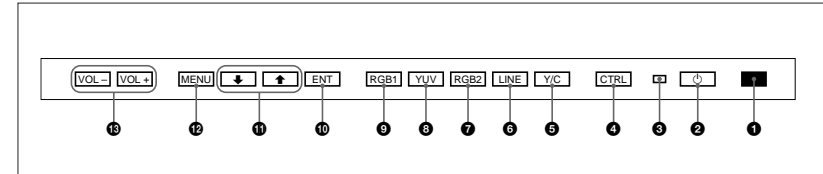
Install the Remote Commander in the back of the left panel cover as illustrated below.



Note

When housing the Remote Commander, make sure that the top of the Remote Commander faces upward and rear faces outside.

Control Panel



1 Remote control detector

Receives the beam from the Remote Commander.

2 (standby) switch / (standby) indicator

Press to turn the monitor on. Press again to go back to the standby mode.
The (standby) indicator lights up in red in the standby mode.

When the (standby) indicator flashes, see "Self-diagnosis Function" on page 26 (GB).

3 Power indicator

Lights up when the monitor is turned on.

4 CTRL (control) button

To operate the buttons on the control panel, first press this button. Then the buttons light up or flash that show they can be operated. Press again to deactivate them.

Note

The buttons (except for (standby) switch 2) on the control panel do not function if you do not press the CTRL button first.

5 Y/C button

Select the signal input from the Y/C IN jack in the LINE connectors.

6 LINE button

Select the signal input from the VIDEO IN connector in the LINE connectors.

7 RGB2 button

Select the signal input from the RGB2 connectors.

8 YUV button

Select the component signal input from the RGB1 connectors.

9 RGB1 button

Select the RGB signal input from the RGB1 connectors.

10 ENT (enter) button

Press to select the desired item in a menu.

11 ↑/↓ buttons

Press to move the cursor (▶) to an item or to adjust value in a menu.

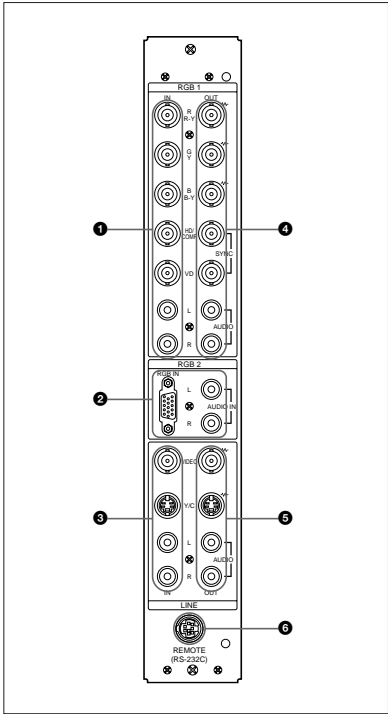
12 MENU button

Press to make the menu appear.

13 VOL (volume) +/- buttons

Press the + button to increase the volume, or the - button to decrease the volume.

Right Connector Panel



Note
The image enhancing process for video signals (NTSC, PAL) works only for composite (Y/C) or component (Y/R-Y/B-Y) input.
The image from the RGB input may looked blurred. This is normal.

- 1 RGB1 IN connectors**
R (R-Y)/G (Y)/B (B-Y) IN (BNC-type): Input the analog RGB signal or component signal. Connect to the RGB signal or component (Y/B-Y/R-Y) signal output of a computer or video equipment. This unit also accepts the HD analog component (Y/Pb/Pr) signal. Input the Pb signal to the B (B-Y) IN connector and Pr signal to the R (R-Y) IN connector.
- HD/COMP IN (BNC-type):** Input the H sync signal or composite sync signal. Connect to the H sync signal or composite sync signal output of a computer or video equipment.
- VD IN (BNC-type):** Input the V sync signal. Connect to the V sync signal output of a computer or video equipment.

External sync signal is selected automatically. See the priority chart below.

Input connector	Input sync signals		
HD/COMP IN	H Sync	Comp Sync	—
VD IN	V Sync	—	—
G(Y) IN	Sync on G	Sync on G	Sync on G
Sync signals to be selected	H Sync	Comp Sync	Sync on G

AUDIO IN (L/R) (phono type): Input the audio signal. Connect to the audio output of a computer or video equipment. Connect to the channel L when the audio signal is monaural.

- 2 RGB2 IN connectors**
RGB IN (D-sub 15-pin): Connect to the RGB signal output of a computer.
- AUDIO IN (L/R) (phono type):** Input the audio signal. Connect to the audio output of a computer. Connect to the channel L when the audio signal is monaural.
- 3 LINE IN connectors**
VIDEO IN (BNC-type): Connect to the composite video signal output of the video equipment.
- Y/C IN (Mini DIN 4-pin):** Connect to the Y/C signal output of the video equipment.
- AUDIO IN (L/R) (phono type):** Connect to the audio output of the video equipment. Connect to the channel L when the audio signal is monaural.

- 4 RGB1 OUT connectors**
These connectors are used as loop-through outputs of the RGB1 IN connectors **1**.
When the plug is connected to the RGB OUT connectors, the 75-ohms termination of the RGB IN connectors is released, and the signal input to the RGB IN connectors is output from the these connectors.
- R (R-Y)/G (Y)/B (B-Y) OUT (BNC-type):** Loop-through outputs of the RGB IN connectors. Connect to the RGB signal or component (Y/B-Y/R-Y) signal input of another monitor.
- HD/COMP OUT (BNC-type):** Loop-through output of the HD/COMP IN connector. Connect to the H sync signal or composite sync signal input of another monitor.
- VD OUT (BNC-type):** Loop-through output of the VD IN connector. Connect to the V sync signal input of another monitor.

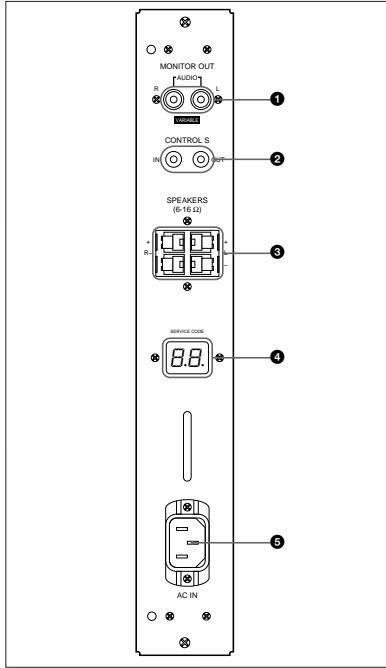
Note
The HD/COMP OUT and VD OUT connectors are high impedance outputs.
When using these outputs, connect a monitor with high impedance sync input connector, or the picture might be oscillated or disappeared because of the sync signal level mismatch.

AUDIO OUT (L/R) (phono type): Loop-through outputs of the AUDIO IN jacks. Connect to the audio inputs of another monitor.

- 5 LINE OUT connectors**
These connectors are used as loop-through outputs of the LINE IN connectors **3**.
When the plug is connected to the VIDEO OUT connector or Y/C OUT jack, the 75-ohms termination of the VIDEO IN connector or Y/C IN jack is released, and the signal input to the VIDEO IN or Y/C IN jack is output from the VIDEO OUT connector or Y/C OUT jack.
- VIDEO OUT (BNC-type):** Connect to the composite video signal input of another monitor or video equipment.
- Y/C OUT (Mini DIN 4-pin):** Connect to the Y/C signal input of another monitor or video equipment.
- AUDIO OUT (L/R) (phono type):** Loop-through outputs of the AUDIO IN jacks. Connect to the audio inputs of another monitor or video equipment.

- 6 REMOTE (RS-232C) connector (mini DIN 8-pin)**
This connector allows remote control of the monitor using the RS-232C protocol. For details, see your authorized Sony dealer.

Left Connector Panel



1 MONITOR OUT AUDIO (L/R) jacks (phono type)

Output the signal input from the AUDIO IN jacks. Connect to the audio inputs of an audio amplifier (not supplied).

Note

These jacks are variable outputs. Set the volume to maximum position to set the output level to 500 mVrms.

2 CONTROL S IN/OUT jacks (mini jacks)

Connect to the CONTROL S jacks of video equipment or another monitors. Then you can simultaneously control all equipment with a single Remote Commander.

To control equipment by aiming the supplied Remote Commander to the remote control detector of the monitor, connect the CONTROL S OUT jack of the monitor and the CONTROL S IN jack of other equipment.

10 (GB)

Notes

- If you connect the CONTROL S IN jack to the other equipment's CONTROL S OUT jack, you cannot operate the monitor with the Remote Commander.
- You can use the stereo cable with mini plug instead of the control S cable.

3 SPEAKERS L/R terminals

Connect to speakers with 6 to 16 ohms impedance.

Note

Do not connect the speaker's cord to the monitor and to an amplifier simultaneously, or an excessive electric current might flow from the amplifier and damage the monitor.

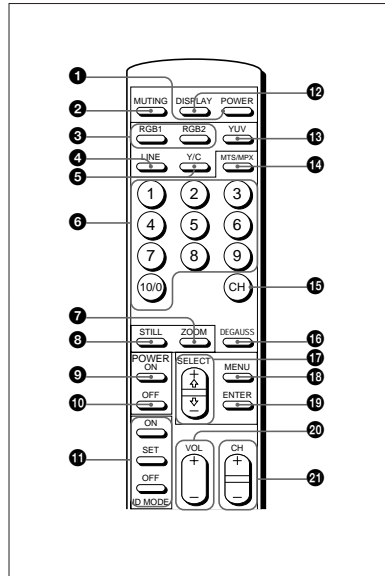
4 SERVICE CODE indicator

The indicator is only for qualified personnel.

5 ~AC IN socket

Connect the supplied AC power cord to this socket and to a wall outlet. Once you connect the AC power cord, the monitor turns to standby mode.

Remote Commander RM-921



1 POWER switch

Press to turn on the monitor. Press again to go back to the standby mode.

Note

When using multiple monitors, press this switch to turn monitors which are already on into the standby mode, or turn on monitors which are in the standby mode.

2 MUTING button

Press to mute the sound. Press this button again or press the VOL (volume) +/- button to obtain the sound again.

3 RGB1/RGB2 buttons

Select the signal input from the RGB1 or RGB2 connectors.

4 LINE button

Selects the signal input from the VIDEO IN connector in the LINE connectors.

5 Y/C button

Selects the signal input from the Y/C IN jack in the LINE connectors.

6 Number buttons

Press to select the index number.

7 ZOOM button

This button does not operate with the monitor.

8 STILL button

This button does not operate with the monitor.

9 POWER ON switch

Press to turn on the monitor. When you use multiple monitors, you can use this switch instead of the POWER switch 1 not to affect another monitor which is already turned on.

10 POWER OFF switch

Press to turn the monitor into the standby mode. When you use multiple monitors, you can use this switch instead of the POWER switch 1 not to affect another monitor which are in the standby mode.

11 ID MODE (ON/SET/OFF) buttons

Press the ON button to make an index number appear on the screen. Then press the index number of the monitor you want to operate and press the SET button. After you finish the operation, press the OFF button to return to the normal mode.

12 DISPLAY button

Displays the input signal information on the top of the monitor screen. Press again to clear it.

13 YUV button

Selects the component signal input from the RGB1 connectors.

14 MTS/MPX button

This button does not operate with the monitor.

15 CH button

This button does not operate with the monitor.

16 DEGAUSS button

This button does not operate with the monitor.

17 SELECT +↑/↓ buttons

Press to move the cursor (▶) to an item or to adjust value in a menu.

18 MENU button

Press to make the menu appear.

19 ENTER button

Press to select the desired item in a menu.

20 VOL +/- buttons

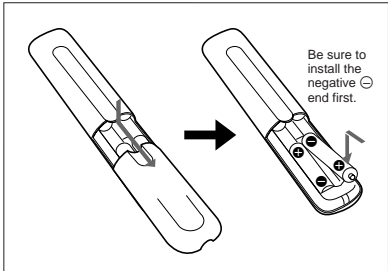
Press the + button to increase the volume, or the - button to decrease the volume.

21 CH +/- buttons

This button does not operate with the monitor.


Installing batteries

Insert two size AA (R6) batteries in correct polarity.



- In normal operation, batteries will last up to half a year. If the Remote Commander does not operate properly, the batteries might be exhausted. Replace them with new ones.
- To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the Remote Commander for a fairly long time.

When the Remote Commander does not work

Check that the  indicator lights up. The Remote Commander operates the monitor only when the monitor is turned on, or it is in the standby mode.

Note

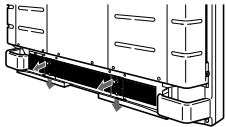
If you connect the cable to the CONTROL S IN jack on the side of the monitor, you cannot operate the monitor with the Remote Commander.

Installation

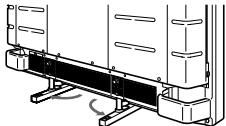
Using the Retractable Feet

This section describes the installation arrangements for installing the projector.

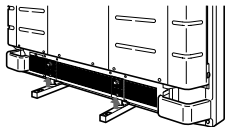
- 1 Pull out the knobs and pull down the retractable feet.



- 2 Turn the retractable feet outward.

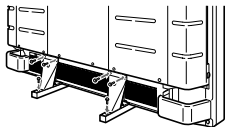


- 3 Push in the retractable feet and lock.



To fix the retractable feet

When the unit is installed on the floor, be sure to fix the retractable feet.
Install the foot support brackets as illustrated below.

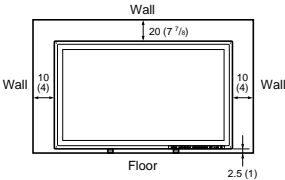


Caution

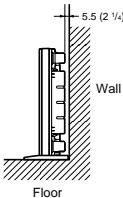
- When you install the monitor, make sure there is more space than that shown in the figure below.
- The ambient temperature must be 0°C – +35°C (32°F – 95°F).

When using the retractable feet

Front



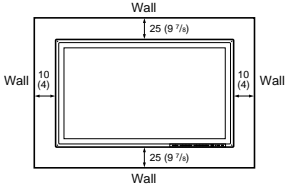
Side



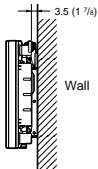
Units: cm (inches)

When using the mounting bracket

Front



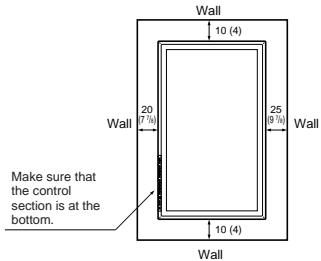
Side



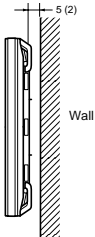
Units: cm (inches)

Hooked on the wall: Vertically

Front



Side

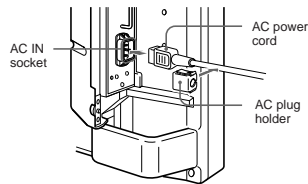


Units: cm (inches)

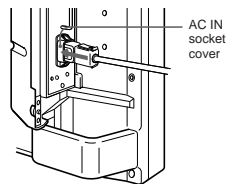
Connections

Connecting the AC Power Cord

- 1 Plug the power cord into the AC IN socket. Then, attach the AC plug holder (supplied) to the AC power cord.



- 2 Slide the AC plug holder over the cord until it connects to the AC IN socket cover.



To remove the AC power cord

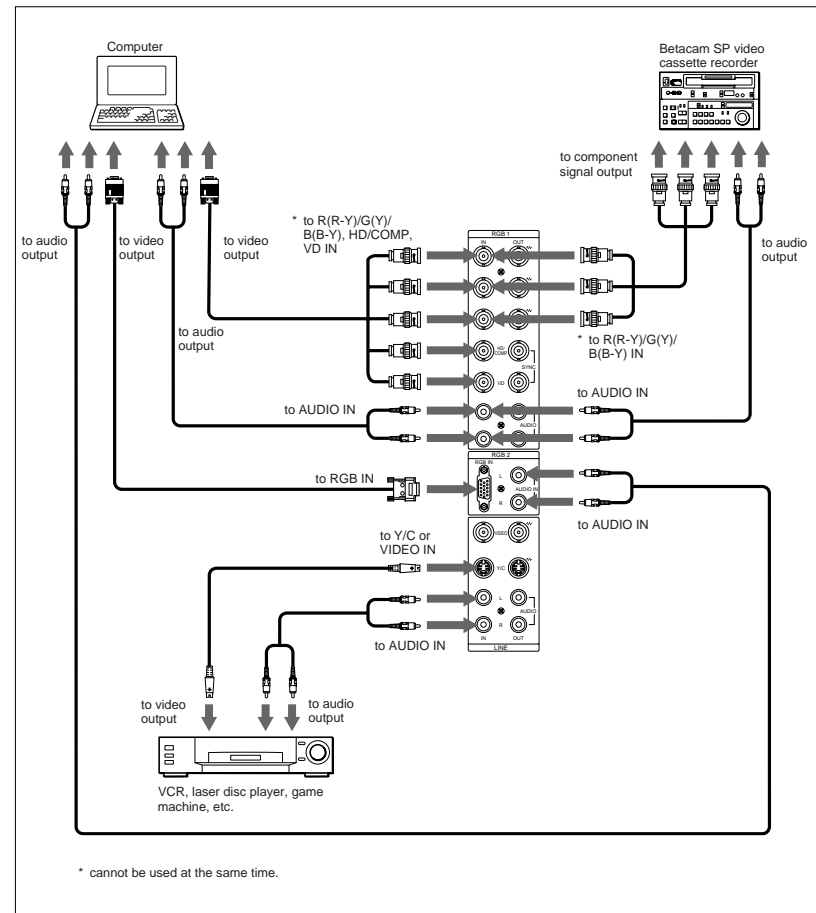
Squeeze the upper and lower sides and pull out the AC plug holder.

Connection Example

Before you get started

- First make sure that the power to each piece of equipment is turned off.
- Use connecting cables suitable for the equipment to be connected.
- The cable connectors should be fully inserted into the jacks. A loose connection may cause hum and other noise.
- To disconnect the cable, pull out by grasping the plug. Never pull the cable itself.
- Read the instruction manual of the equipment to be connected.

14 (GB)



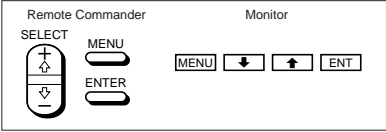
15 (GB)

Using On-screen Menus

Operating Through Menus

Menu operating buttons

There are four buttons on the monitor and the Remote Commander for menu operations.

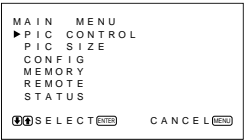


The buttons on the control panel are used for explanation purpose in this operating instructions. The ENTER button on the Remote Commander has the same function as the ENT button on the control panel and the SELECT + \uparrow / \downarrow buttons on the Remote Commander as same as the \uparrow / \downarrow buttons on the control panel.

Configuration of the menu

To select the language used in the menu, see page 26 (GB).

- 1 Press MENU.
The main menu appears on the monitor screen.



- 2 Press \uparrow / \downarrow to move the cursor (\blacktriangleright) and press ENT to select a menu.
The selected menu appears on the monitor screen.
- 3 Press \uparrow / \downarrow to move the cursor (\blacktriangleright) and press ENT to select an item.
The menu for the selected item appears on the monitor screen.

- 4 Press \uparrow / \downarrow to adjust or select the setting and press ENT to set.
The setting is registered and the menu returns to the previous menu.

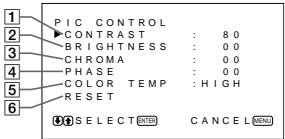
To return to the normal screen, press the MENU button repeatedly until the menu disappears.

Menu Guide

Note
“— — —” appears next to an item when its function is not available. The availability depends on the types of input signal.

PIC CONTROL menu

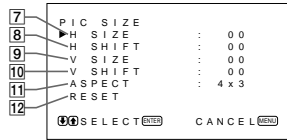
This menu is used for adjusting the picture.



- 1 **CONTRAST**
Press \uparrow to increase the contrast and press \downarrow to decrease it.
- 2 **BRIGHTNESS**
Press \uparrow to make the picture brighter and press \downarrow to make it darker.
- 3 **CHROMA**
Press \uparrow to increase color saturation and press \downarrow to decrease it.
- 4 **PHASE**
Press \uparrow to make overall picture greenish and press \downarrow to make it purplish.
- 5 **COLOR TEMP**
Select a color temperature from HIGH or LOW.
- 6 **RESET**
Select to restore the factory settings in the PIC CONTROL menu items [1] to [5].
For details on using the reset function, see “Restoring the PIC CONTROL Menu Items to Original Settings” on page 22 (GB).

PIC SIZE menu

This menu is used for positioning and resizing the picture.



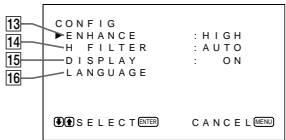
- 7 **H SIZE**
Adjusts the horizontal picture size. Press \uparrow to enlarge the horizontal size and press \downarrow to diminish it.
- 8 **H SHIFT**
Adjusts the horizontal centering. Press \uparrow to move the picture to the right and press \downarrow to move it to the left.
- 9 **V SIZE**
Adjusts the vertical picture size. Press \uparrow to enlarge the vertical size and press \downarrow to diminish it.
- 10 **V SHIFT**
Adjusts the vertical centering. Press \uparrow to move the picture up and press \downarrow to move it down.
- 11 **ASPECT**
Set the aspect ratio of the picture to 4:3 or 16:9.
- 12 **RESET**
Select to restore the factory settings in the PIC SIZE menu items [7] to [11].
For details on using the reset function, see “Restoring the Original Picture Size and Position” on page 24 (GB).
- Note**
When receiving DTV signals and changing the H/V SIZE or H/V SHIFT in the PIC SIZE menu, the system goes into the Offset Sampling Mode; the image may become blurred or horizontal lines may appear because the memory write phase is faster than the read phase. This is not a system malfunction. To avoid this problem, reset the H/V SIZE and the H/V SHIFT to the factory settings. If any problems persist with the factory setting, adjust the settings as shown below.
To adjust the setting, see “Restoring the original Picture Size and Position” (page 24 (GB)).

- DTV signals for factory setting:
1080/60i, 480/60i, 575/50i, 480/60p
- Other DTV signals and their recommended settings:

	H SIZE	V SIZE	H SHIFT	V SHIFT	ASPECT
1080/50i	+48	+11	+10	-02	16:9
1080/48i	MAX	+09	+12	-02	16:9
1152/50i	+33	-02	+20	0	16:9

CONFIG menu

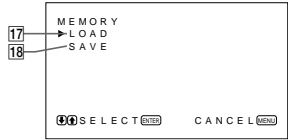
This menu is used for adjusting the signal or selecting the language.



- 13 **ENHANCE (Sharpness)**
You can change the outline correction level:
LOW: Default setting for VIDEO signal
HIGH: Default setting for computer signal
- 14 **H FILTER**
Select AUTO normally.
Select HIGH when the ringing appears on the screen. Select LOW when the moiré pattern or noise appears on the screen. The moiré pattern or noise decreases even the screen looks a little blurred.
- 15 **DISPLAY**
Select ON to display the input signal information for about five seconds on the top of the monitor screen when turning on the power or switching the input signal.
- 16 **LANGUAGE**
Select the on-screen language among five languages. Available languages are: English, German, French, Italian and Spanish.
For details on selecting the language, see “Selecting the On-screen Language” on page 26 (GB).

MEMORY menu

This menu is used for saving or recalling the settings in the PIC CONTROL, PIC SIZE and CONFIG (only for ENHANCE and H FILTER) menus.



For details, see “Using the Memory” on page 25 (GB).

17 LOAD

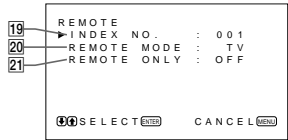
Recalls the preset settings.

18 SAVE

Saves the settings.

REMOTE menu

This menu is used for the remote control setting.



19 INDEX NO.

Sets the index number of the monitor.

Note

When you set the number, use the buttons on the monitor.

For details on the index number, see “Operating a Specific Monitor With the Remote Commander” on page 27 (GB).

20 REMOTE MODE

Select the Remote Commander mode.

TV: Sony monitors’ or TVs’ commander

PJ: Sony projectors’ commander

OFF: Disables the remote control.

For details, see “Using the Other Remote Commander” on page 28 (GB).

21 REMOTE ONLY

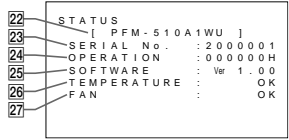
Select ON to disable the front control buttons on the monitor. The monitor can only be controlled with the Remote Commander. While REMOTE ONLY is ON, the indicators on the front panel go off.

To cancel the REMOTE ONLY mode, set REMOTE ONLY to OFF with the Remote Commander, or press the CTRL button while pressing the switch. The monitor turns to the standby mode and the REMOTE ONLY mode is canceled.

The setting in this item is still retained when the AC power cord is disconnected.

STATUS menu

This menu is used for displaying the internal condition of the monitor.



22 Model name

Indicates the model name.

23 SERIAL No.

Indicates the serial number.

24 OPERATION

Indicates the total operation hours.

Note

The standby mode is not counted as OPERATION time.

25 SOFTWARE

Indicates the system software version.

26 TEMPERATURE

Indicates whether the internal temperature of the monitor is usual.

OK: Usual

NG: Unusual

When the internal temperature is unusual, NG is displayed and the item flashes in red. The indicator on the control panel also flashes.

Note

The “TEMPERATURE NG” message may appear when the ventilation holes are blocked or the monitor is installed in a poorly ventilated area. In this case, check that the ventilation holes are not blocked and install the monitor in a good ventilated area. If the message still displayed, contact your authorized Sony dealer.

When the indicator flashes or NG indicates, see “Self-diagnosis Function” on page 26 (GB).

27 FAN

The cooling fans are built in this monitor. This item indicates whether the cooling fans work properly.

OK: Usual

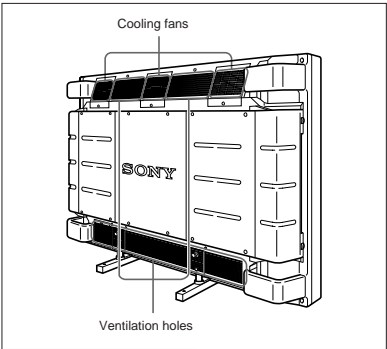
NG: Unusual

When the cooling fans are unusual, NG is displayed and the item flashes in red. The indicator on the control panel also flashes.

Note

When the “FAN NG” message appears, contact your authorized Sony dealer.

When the indicator flashes or NG indicates, see “Self-diagnosis Function” on page 26 (GB).



Note

The upper cooling fans detect the monitor’s internal temperature and control the fans rotations. If the ambient temperature is high, the number of fan rotations increase and the noise will be louder.

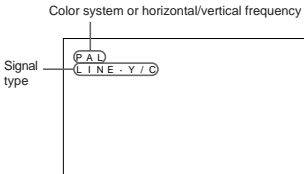
Watching the Picture

Before you start

- Turn on the monitor.
- Turn on the connected equipment and play a video source.
- To display the input signal information on the screen when turning on the power or switching the input signal, set “DISPLAY” in the CONFIG menu to ON.
- To select the on-screen language used in the menu, see page 26 (GB).

Switching the Picture

- 1 Press CTRL on the control panel of the monitor. RGB1, YUV, RGB2, LINE, and Y/C buttons light up.
- 2 Select the input source to be displayed by pressing the following buttons.
- RGB1:** Selects the audio and video signal input from the RGB1 connectors when the input signal is RGB signal.
- YUV:** Selects the audio and video signal input from the RGB1 connectors when the input signal is component signal.
- RGB2:** Selects the audio and video signal input from the RGB2 connectors.
- LINE:** Selects the audio and video signal input from the VIDEO IN connector and AUDIO IN jack in the LINE connectors.
- Y/C:** Selects the audio and video signal input from the Y/C IN connector and AUDIO IN jack in the LINE connectors.



The selected input signal appears on the monitor screen.

You can also switch the input signal from the Remote Commander.

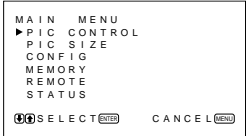
Note

We recommend the input source video equipment equipped with the TBC (time base corrector). If you receive the signal without the TBC, the picture may disappear due to disturbance of the sync signal.

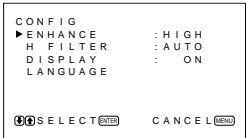
Input Signal and Monitor Status Information Display

Input signal and monitor status information is displayed on-screen for about five seconds when turning on the power or switching the input signal. To disable this function, follow the steps below.

- 1 Press MENU. The main menu appears on the monitor screen.



- 2 Press \uparrow/\downarrow to move the cursor (\blacktriangleright) to “CONFIG” and press ENT. The CONFIG menu appears on the monitor screen.



- 3 Press \uparrow/\downarrow to move the cursor (\blacktriangleright) to “DISPLAY” and press ENT. The following menu appears on the monitor screen.



Actual on-screen display of the monitor status

On-screen display	Significance
31.5kHz / 60Hz (eg.)	The selected input signal is computer RGB.
525 / 60 (eg.)	The selected input signal is RGB or component video.
NTSC	The selected input signal is NTSC.
PAL	The selected input signal is PAL.
OTHERS	The input signal is out of the capture range.
NO SYNC	There is no input signal.
MUTING	The sound is muted.
RGB1 RGB	The signal mode of RGB1 is set to RGB.
RGB1 YUV	The signal mode of RGB1 is set to component video.
LINE COMP	Composite video input is selected at LINE.
LINE Y/C	Y/C video input is selected at LINE.

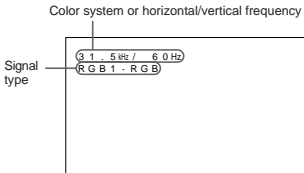
- 4 Press \uparrow to set “DISPLAY” to OFF and press ENT. The DISPLAY function is disabled.

To activate the information function, set “DISPLAY” to ON at the step 4 above.

Note

You can display the input signal information anytime by pressing the DISPLAY button on the Remote Commander, regardless of the above setting.

The input signal information list



Input signal	Color system or horizontal/vertical frequency display	
NTSC	NTSC	
PAL	PAL	
VGA ^{a)} (Graphics)	31.5 kHz	60 Hz
VGA (Text)	31.5 kHz	70 Hz
HDTV	33.8 kHz	60 Hz
Mac ^{b)} 13"	35.0 kHz	67 Hz
VESA ^{c)} 800×600	37.9 kHz	60 Hz
VESA 1024×768	48.4 kHz	60 Hz
Mac 16"	49.7 kHz	75 Hz
ATI ^{d)} 1280×1024	64.0 kHz	60 Hz
Mac 21"	68.7 kHz	75 Hz
VESA 1280×1024	80.0 kHz	75 Hz

- a) VGA is a registered trademark of the International Business Machines Corporation, USA.
- b) Mac (Macintosh) is a registered trademark of Apple Computer, Inc.
- c) VESA is a registered trademark of Video Electronics Standard Association.
- d) ATI is a registered trademark of ATI Technologies, Inc.

Note

When inputting the HDTV signal, input the tri-level sync signal to the G/Y IN connector.

Adjusting the Picture

While watching the picture, you can adjust contrast, brightness, chroma, and phase to suit your taste. The adjustments can be carried out for each input signal separately. You can also store the adjusted levels in memory.

Adjusting the Contrast, Brightness, Chroma, and Phase

Press MENU so that the main menu appears on the monitor screen and select the “CONTRAST”, “BRIGHTNESS”, “CHROMA”, or “PHASE” from the PIC CONTROL menu with the \uparrow/\downarrow buttons.

CONTRAST

Select the “CONTRAST” with the \uparrow/\downarrow buttons and press the ENT button.
Adjust the contrast with the \uparrow/\downarrow buttons in the range from MIN (0) to MAX (+100).
 \uparrow : to increase picture contrast
 \downarrow : to decrease picture contrast

BRIGHTNESS

Select the “BRIGHTNESS” with the \uparrow/\downarrow buttons and press the ENT button.
Adjust the brightness with the \uparrow/\downarrow buttons in the range from MIN (–50) to MAX (+50).
 \uparrow : to make overall picture greenish
 \downarrow : to make overall picture purplish

CHROMA

Select the “CHROMA” with the \uparrow/\downarrow buttons and press the ENT button.
Adjust the chroma with the \uparrow/\downarrow buttons in the range from MIN (–50) to MAX (+50).
 \uparrow : to increase color intensity
 \downarrow : to decrease color intensity

PHASE

Select the “PHASE” with the \uparrow/\downarrow buttons and press the ENT button.
Adjust the phase with the \uparrow/\downarrow buttons in the range from MIN (–50) to MAX (+50).
 \uparrow : to make overall picture greenish
 \downarrow : to make overall picture purplish

22 (GB)

Notes

- CHROMA and PHASE controls do not function with RGB signal.
- PHASE control does not function with component signal.
- PHASE control does not function with PAL color source.
- Do not change the CHROMA/PHASE (NTSC only) level when the selected signal is not NTSC or PAL. Although it gives no effect to the current picture, it does affect the picture of the NTSC or PAL signal which is input later.

Restoring the PIC CONTROL Menu Items to Original Settings

- 1 In the PIC CONTROL menu, Press \uparrow/\downarrow to move the cursor (►) to “RESET” and press ENT. The following menu appears on the monitor screen.



- 2 Press \uparrow/\downarrow . “NO” changes to “YES”.



- 3 Press ENT. The PIC CONTROL menu items are restored.

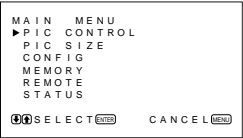
To cancel the reset function, press the MENU button before pressing the ENT button.

Resizing and Positioning the Picture

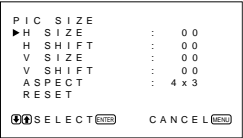
You can shift the position of the picture so that it fits in the screen, or adjust the vertical and horizontal size of the picture separately.

Resizing the Picture

- 1 Press MENU. The main menu appears on the monitor screen.



- 2 Press \uparrow/\downarrow to move the cursor (►) to “PIC SIZE” and press ENT. The PIC SIZE menu appears on the monitor screen.

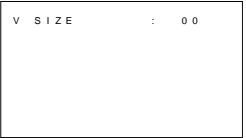


- 3 Press \uparrow/\downarrow to move the cursor (►) to “H SIZE” and press ENT. The following menu appears on the monitor screen.



- 4 Press \uparrow/\downarrow to resize the picture.
 \uparrow : to expand horizontal size
 \downarrow : to reduce horizontal size
The horizontal picture size is indicated on the monitor screen in the range from MIN(–50) to MAX(+50). The factory value is 00.

- 5 Press ENT. The menu returns to the PIC SIZE menu.
- 6 Press \uparrow/\downarrow to move the cursor (►) to “V SIZE” and press ENT. The following menu appears on the monitor screen.



- 7 Press \uparrow/\downarrow to resize the picture.
 \uparrow : to expand vertical size
 \downarrow : to reduce vertical size
The vertical picture size is indicated on the monitor screen from MIN(–50) to MAX(+50). The factory value is 00.
- 8 Press ENT. The menu returns to the PIC SIZE menu.

Adjusting the Picture Position

- 1 In the PIC SIZE menu, press \uparrow/\downarrow to move the cursor (►) to “H SHIFT” and press ENT. The following menu appears on the monitor screen.

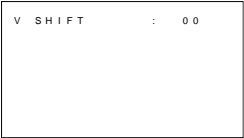


- 2 Press \uparrow/\downarrow to shift the picture.
 \uparrow : to shift the picture to the right
 \downarrow : to shift the picture to the left
The horizontal picture position is indicated on the monitor screen from MIN(–50) to MAX(+50). The factory value is 00.
- 3 Press ENT. The menu returns to the PIC SIZE menu.

23 (GB)

Resizing and Positioning the Picture

- 4 Press **↑/↓** to move the cursor (▶) to “V SHIFT” and press ENT.
The following menu appears on the monitor screen.

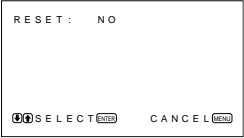


- 5 Press **↑/↓** to shift the picture.
↑: to shift the picture upward
↓: to shift the picture downward
The vertical picture position is indicated on the monitor screen from MIN(−50) to MAX(+50).
The factory value is 00.

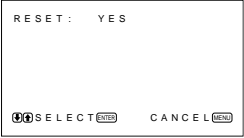
- 6 Press ENT.
The menu returns to the PIC SIZE menu.

Restoring the Original Picture Size and Position

- 1 In the PIC SIZE menu, press **↑/↓** to move the cursor (▶) to “RESET” and press ENT.
The following menu appears on the monitor screen.



- 2 Press **↑/↓**.
“NO” changes to “YES”.



- 3 Press ENT.
The original picture size and position are restored.

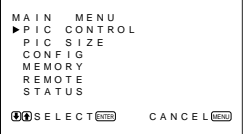
To cancel the reset function, press the MENU button before pressing the ENT button.

Using the Memory

You can save the current picture condition by each input signal using MEMORY function.
The saved condition can be restored whenever necessary.
The items in PIC CONTROL, PIC SIZE and CONFIG (only for ENHANCE and H FILTER) menus can be memorized.
You can save the picture condition of up to five input signals.

Storing the Current Condition

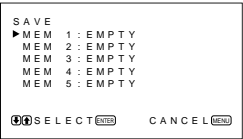
- 1 Press MENU.
The main menu appears on the monitor screen.



- 2 Press **↑/↓** to move the cursor (▶) to “MEMORY” and press ENT.
The MEMORY menu appears on the monitor screen.



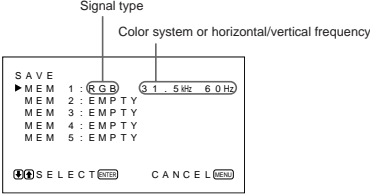
- 3 Press **↑/↓** to move the cursor (▶) to “SAVE” and press ENT.
The following menu appears on the monitor screen.



- 4 Press **↑/↓** to move the cursor (▶) to MEM 1 to 5 and press ENT.

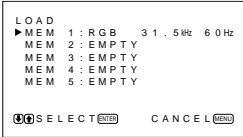
Using the Memory

“COMPLETED” message appears for about five seconds.
The current data is stored under the selected memory number.
If any data has been stored in the selected memory number, the signal type and the color system or horizontal frequency/vertical frequency are now displayed on the right column next to the selected memory number.



Calling Up the Stored Condition

- 1 In the MEMORY menu, press **↑/↓** to move the cursor (▶) to “LOAD” and press ENT.
The following menu appears on the monitor screen.



- 2 Press **↑/↓** to move the cursor (▶) to MEM 1 to 5 and press ENT.
“COMPLETED” message appears for about five seconds.
The picture is adjusted to the selected condition.

Notes

- You cannot recall the memory data if the selected signal is different from the preset signal.
- The following items can be memorized:

PIC CONTROL menu

- CONTRAST
- BRIGHTNESS
- CHROMA
- PHASE
- COLOR TEMP
- PICTURE AGC

PIC SIZE menu

- H SIZE
- H SHIFT
- V SIZE
- V SHIFT
- ASPECT

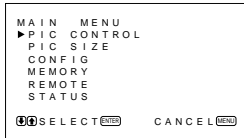
CONFIG menu

- ENHANCE
- H FILTER

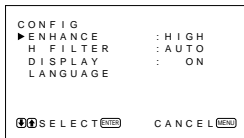
Selecting the On-screen Language

You can select the on-screen language among five languages.
Available languages are: English, German, French, Italian and Spanish.

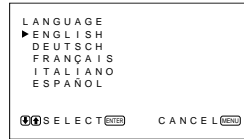
- Press MENU.
The main menu appears on the monitor screen.



- Press \uparrow/\downarrow to move the cursor (►) to "CONFIG" and press ENT.
The CONFIG menu appears on the monitor screen.



- Press \uparrow/\downarrow to move the cursor (►) to "LANGUAGE" and press ENT.
The following menu appears on the monitor screen.



- Press \uparrow/\downarrow to move the cursor (►) to desired language and press ENT.
The on-screen language is switched to the one you selected.
ENGLISH: English
DEUTSCH: German
FRANÇAIS: French
ITALIANO: Italian
ESPAÑOL: Spanish

- Press MENU.
The menu returns to the CONFIG menu.

Self-diagnosis Function

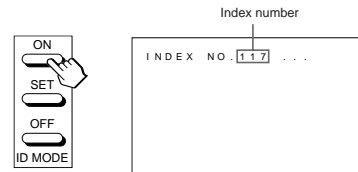
The unit has a self-diagnosis function.
This function displays the monitor's condition with the \odot indicator flashing and numbers on the SERVICE CODE indicator. The numbers inform you of the monitor's current condition.
When the unit is working properly, only the dot at the lower-right position on the SERVICE CODE indicator flashes.
If the \odot indicator flashes, check the number and contact your authorized Sony dealer.

- Check the two-digit number on the SERVICE CODE indicator.
The indicator shows one number, or multiple numbers alternately every a half second.
- Unplug the unit.
Inform the number to your authorized Sony dealer.

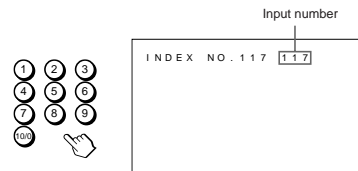
Operating a Specific Monitor with the Remote Commander

Using the supplied Remote Commander, you can operate a specific monitor without affecting other monitors that are installed together.

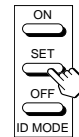
- Press ID MODE ON on the Remote Commander.
Monitor index numbers appear in white characters on all the monitors. (Every monitor is allocated an individual preset index number from 1 to 255.)
See "To change the index number" in the column to the right on this page to change the index number.



- Input the index number of the monitor you want to operate using 0 – 9 buttons on the Remote Commander.
The input number appears right next to each monitor's own index number.

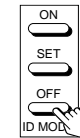


- Press ID MODE SET.
The character on the selected monitor changes to cyan while others change to red.



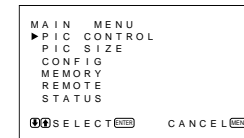
You can operate only a specified monitor. (All operations are available in ID mode except POWER ON/OFF.)

- After necessary adjustment, press ID MODE OFF.
The monitor returns to the normal mode.

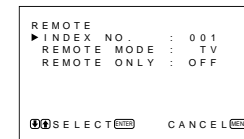
**To change the index number**

You can change the index number if necessary.
When you change the number, use the buttons on the monitor.

- Press MENU.
The main menu appears on the monitor screen.



- Press \uparrow/\downarrow to move the cursor (►) to "REMOTE" and press ENT.
The REMOTE menu appears on the monitor screen.



- Press \uparrow/\downarrow to move the cursor (►) to "INDEX NO." and press ENT.
The following menu appears on the monitor screen.



- Select the index number with \uparrow/\downarrow and press ENT.
The menu returns to the REMOTE menu.

Using the Other Remote Commander

- The following operations can be controlled.
- Power on/off
 - Input selection
 - Menu operations
 - Picture adjustments: contrast, phase and chroma
 - On-screen display on/off (only for video monitors and TVs)

The available operations and the buttons to be used for each operation are limited depending on each Remote Commander. See the table below.

Remote Commander model		RM-854	RM-1271	RM-PJ1292	RM-PJ1000
REMOTE MODE setting		TV	PJ	PJ	PJ
Input selection	RGB1	RGB	A	A	A
	RGB2	—	B	B	B
	LINE	LINE1	VIDEO	VIDEO	VIDEO
Menu operation	MENU	MENU	PAGE or ◀	PAGE or ◀	MENU or ◀
	ENTER	ENTER	➡	➡	ENTER or ➡
	+	+	⬆	⬆	⬆
Picture adjustment	Contrast	CONTRAST+/-	CONTR+/-	CONTR+/-	CONTR+/-
	Chroma	CHROMA+/-	COLOR+/-	COLOR+/-	COLOR+/-
	Phase	PHASE+/-	HUE+/-	HUE+/-	HUE+/-
On-screen information		DISPLAY	—	STATUS ON	STATUS ON

Specifications

Video processing

Capture range	Horizontal rate: 15.6 to 80 kHz Vertical rate: 48 to 120 Hz
Preset signal	Input: 12 formats (See page 21 (GB))
Video memory	1,152 × 1,152 × 24 bits (RGB total)
Sampling rate	14.3 to 50 MHz offset phase max. (equivalent to 100 MHz sampling)
Panel system	AC-type Plasma Display Panel
Display resolution	1024 dots × 1024 lines
Pixel pitch	0.90 (horizontal) × 0.51 (vertical) mm (1/16 × 1/32 inches)
Picture size	921 (horizontal) × 522 (vertical) mm (36 3/8 × 20 3/8 inches)
Panel size	42-inch (diagonal 1,058 mm)

Inputs and Outputs

RGB1

R (R-Y)/ G (Y)/B (B-Y) IN	BNC-type (×3) 0.714 Vp-p/non-composite 75-ohm (automatic termination) 1 Vp-p/composite 75-ohm (automatic termination)
SYNC IN(HD/COMP, VD)	BNC-type (×2) H (or composite) SYNC, V SYNC, 1 to 5 Vp-p high impedance
AUDIO IN (L, R)	Phono jack (×2) 500 mVrms, high impedance

R (R-Y)/ G (Y)/B (B-Y) OUT	BNC-type (×3) Loop-through
SYNC OUT (HD/COMP, VD)	BNC-type (×2) Loop-through H (or composite) SYNC, V SYNC
AUDIO OUT (L, R)	Phono jack (×2) Loop-through

RGB2

RGB IN	D-sub 15-pin See “Pin assignment” on page 30 (GB).
AUDIO IN (L, R)	Phono jack (×2) 500 mVrms, high impedance

LINE (NTSC, PAL)

VIDEO IN	BNC-type (×1) Composite video, 1 Vp-p ±2 dB sync negative, 75-ohm (automatic termination)
Y/C IN	Mini DIN 4-pin type (×1) Y (luminance): 1 Vp-p ±2 dB sync negative, 75-ohm (automatic termination) C (chrominance): Burst 0.286 Vp-p ±2 dB (NTSC), 75-ohm (automatic termination) Burst 0.3 Vp-p ±2 dB (PAL) 75-ohm (automatic termination)
AUDIO IN (L, R)	Phono jack (×2) 500 mVrms, high impedance
VIDEO OUT	BNC-type (×1) Loop-through
Y/C OUT	Mini DIN 4-pin type (×1) Loop-through
AUDIO OUT (L, R)	(Variable output) Phono jack (×2) Loop-through

MONITOR OUT AUDIO (L, R)	Phono jack (×2) Maximum 500 mVrms, high impedance
CONTROL S (IN, OUT)	Mini jack (stereo) (×2) 5 Vp-p
REMOTE (RS-232C)	Mini DIN 8-pin (×1)
SPEAKERS	6 to 16 ohms, 7 W + 7 W (when the impedance is 8 ohms)

General

Power requirements	100 to 120 V AC, 50/60 Hz, 4.7 A/410 W 220 to 240 V AC, 50/60 Hz, 2.2 A/400 W
Operating conditions	Temperature: 0°C to 35°C (32°F to 95°F) Humidity: 20% to 90% (no condensation) Atmospheric pressure: 700 to 1060 hPa

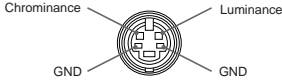
Specifications

- Storing/transporting conditions
- Temperature: -10°C to +40°C
(14°F to 104°F)
Humidity: 20% to 90% (no condensation)
Atmospheric pressure: 700 to 1060 hPa
- Dimensions
- 1036 × 636 × 152 mm
(40 7⁄8 × 25 1⁄8 × 6 1⁄8 inches) (w/h/d)
- Mass
- 45 kg (99 lb 3 oz)
- Supplied accessories
- AC power cord (1)
AC plug holder (1)
Remote Commander RM-921 (1)
Size AA (R6) batteries (2)
Ferrite core (2)
Foot support bracket (2)
Screws for foot support bracket (6)
Monitor stabilizer (2)
Operating instructions (1)

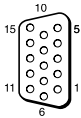
Design and specifications are subject to change without notice.

Pin assignment

Y/C jack (Mini DIN 4-pin)



RGB IN connector (D-sub 15-pin)



Pin No.	Signal
1	Red video or R-Y
2	Green video or Y
3	Blue video or B-Y
4	Ground
5	Ground
6	Red ground
7	Green ground
8	Blue ground
9	Not used
10	Ground
11	Ground
12	SDA
13	H sync or composite sync
14	V sync
15	SCL

SONY®

Mounting Bracket

Operating Instructions

Mode d'emploi

Bedienungsanleitung

Manual de instrucciones

Istruzioni per l'uso

取扱説明書

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警告

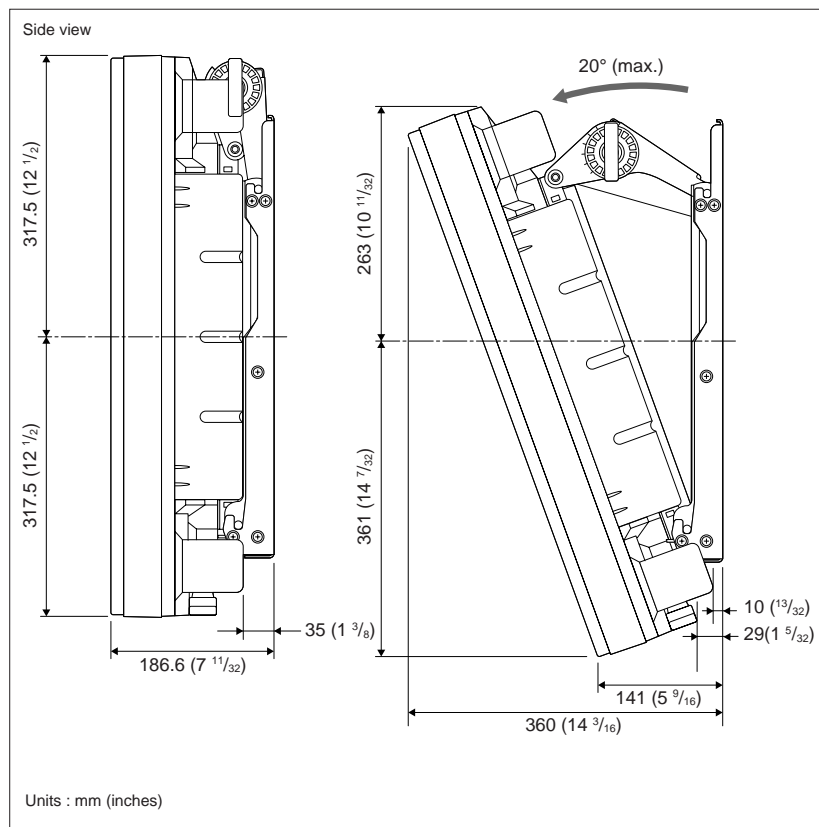
安全のための注意事項を守らないと、
火災や人身事故になることがあります。

この取扱説明書には事故を防ぐための重要な注意事項と製品の取り扱いかたを示してあります。**この取扱説明書をよくお読みのうえ**、製品を安全にお使いください。お読みになったあとは、いつでも見られるところに必ず保管してください。

MB-514

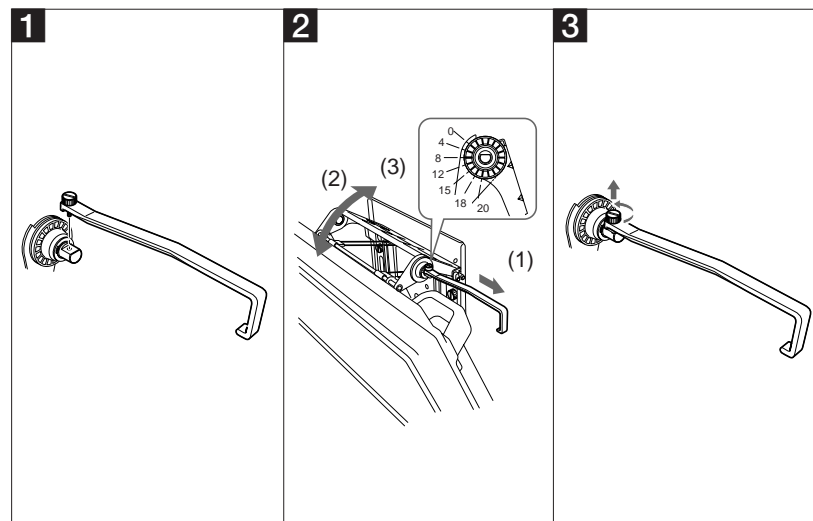
© 1998 by Sony Corporation Printed in Japan

Dimensions of the assembled bracket



Design and specifications are subject to change without notice.

Changing the Angle of the Monitor



English

You can change the angle of the monitor panel by adjusting the angle of the mounting bracket.

Note

If you have any questions about installing the mounting bracket, contact your authorized Sony dealer.

- 1** Attach the handle on the mounting bracket with the supplied screw (provided with the handle).
- 2** Adjust the monitor panel angle.
You can change the angle from 0° to 20° (7 levels).
(Approx. 0°, 4°, 8°, 12°, 15°, 18° and 20°)
(1) Pull the handle down to unsnap the lock.
(2) Push the panel to the desired angle.
(3) Let go of the handle and adjust the panel angle so it can be locked.

See the angle marks.

- 3** Remove the handle.

Store the handle with the Operating Instructions.

SONY®

3-864-658-04(1)

1-3. MB-514 Installation Manual

Mounting Bracket

Installation Manual for Dealers**特約店様用設置説明書**

お買い上げいただきありがとうございます。

お客様へ



この設置説明書は特約店様用に書かれたものです。

お客様が設置説明書に記載された設置工事を行うと、事故などにより死亡や大けがにつながる場合があります。**お客様自身では絶対に設置工事をしないでください。**設置については必ずお買い上げ店またはソニーのサービス窓口にご依頼ください。

特約店の方は、取り付けを安全に行うために、必ずこの設置説明書をよくお読みください。

MB-514

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WARNING

Install the monitor on a wall that can hold a weight of at least 400kg (881lb14 oz). Reinforce the wall, if needed.

Table of contents

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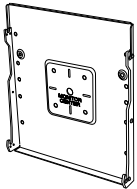
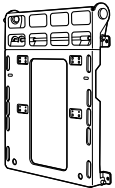
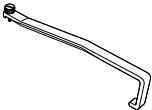


Installation 6

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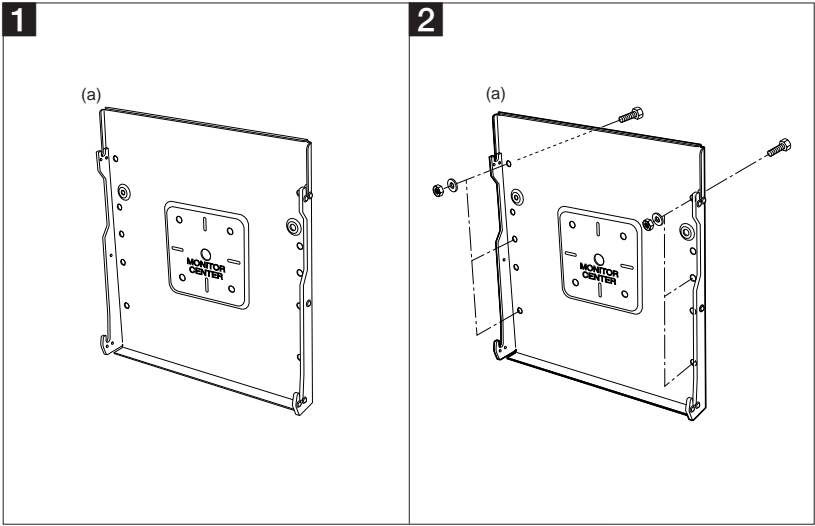
Overview

The mounting bracket MB-514 is designed to install the Sony flat panel monitor on a wall.

Parts List

(a)	Wall bracket (1)	
(b)	Mounting bracket (1)	
(c)	Handle (1)	
(d)	Knob (2)	
(e)	Screw M5 (8)	

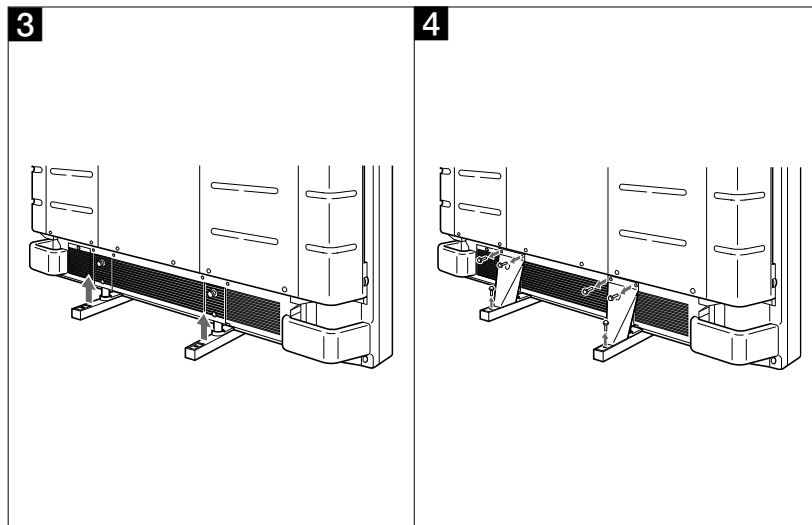
Installation



English

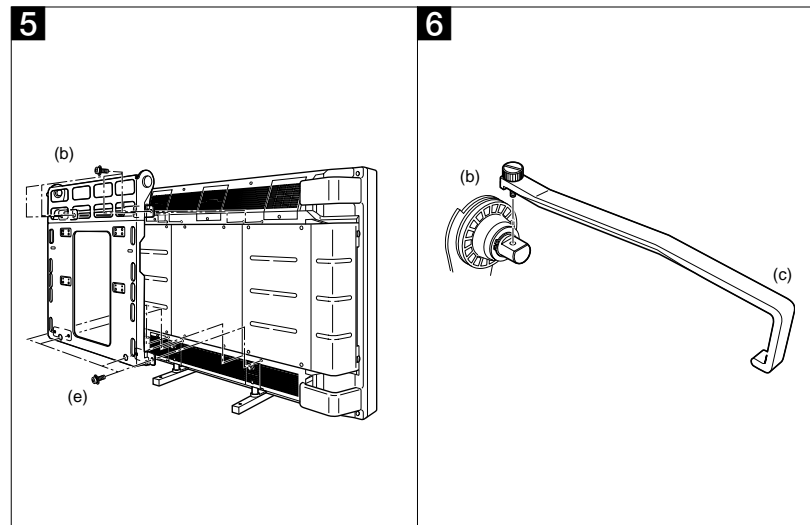
- 1 Decide where on the wall you want to install the wall bracket (a).
The center hole of the wall bracket will be matched the center of the monitor panel.
- 2 Install the wall bracket (a) on the wall.
Use six M8 bolts or concrete anchors, six nuts and six washers (not supplied).

Installation



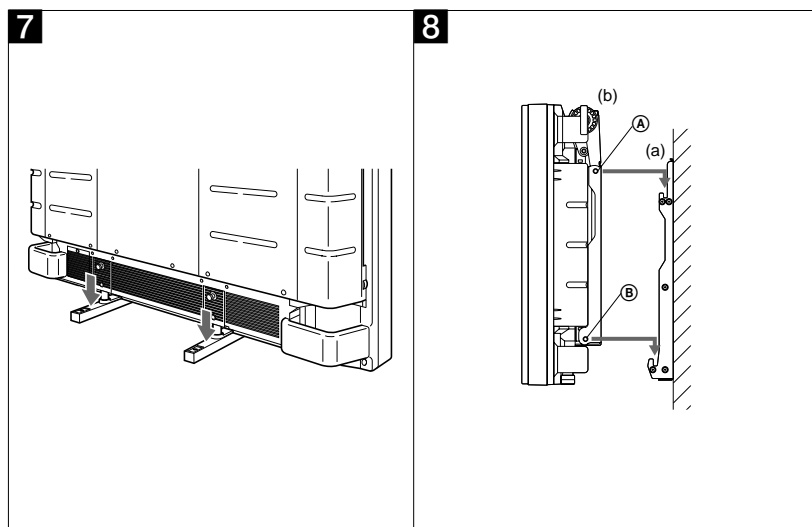
English

- 3** Pull down the retractable feet and stand the monitor up.
For details on using the retractable feet, see the Operating Instructions for the Sony flat panel monitor.
- If the retractable feet and the foot support brackets are already installed on the monitor, go to Step 4. Otherwise, go to Step 5.
- 4** Remove the foot support brackets from the retractable feet.
For details on removing the foot support brackets, see the Operating Instructions for the Sony flat panel monitor.



English

- 5** Install the mounting bracket (b) on the flat monitor. Match the mounting bracket screw holes to the monitor screw holes, then insert and tighten eight M5 screws (e) to lock the bracket onto the monitor.
- 6** Attach the handle (c) on the mounting bracket (b) with the supplied screw (provided with the handle).



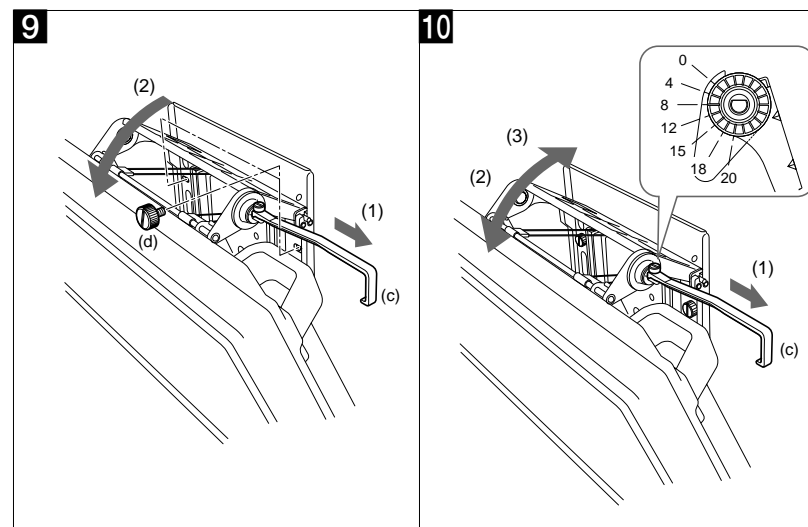
English

- 7** Store the retractable feet.
For details on using the retractable feet, see the Operating Instructions for the Sony flat panel monitor.
- 8** Install the flat monitor with the mounting bracket (b) on the wall bracket (a).
Hook two mounting bracket shafts (A, B) on the wall bracket grooves.

Note

Make sure that the shafts hook properly into the grooves.

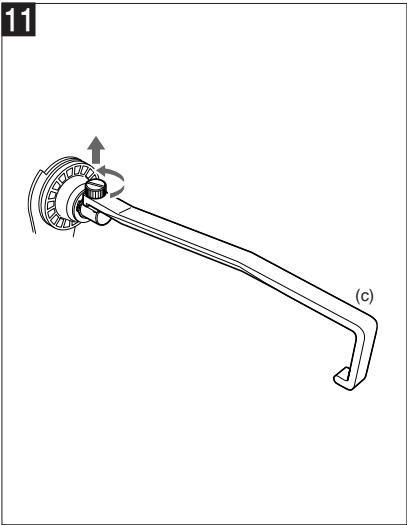
Installation



English

- 9** Lock the mounting bracket shafts (hooked in Step 8) by turning two knobs (d) so that the shafts do not move vertically.
Pull the handle (c) out (installed in Step 6) and unsnap the lock. Pull down the monitor panel so the mounting bracket angle is fully extended. Turn two knobs (d) and lock the monitor panel.
- 10** Adjust the monitor panel angle.
You can change the angle from 0° to 20° (7 levels). (Approx. 0°, 4°, 8°, 12°, 15°, 18° and 20°)
(1) Pull the handle (c) down to unsnap the lock.
(2) Push the panel to the desired angle.
(3) Let go of the handle and adjust the panel angle so it can be locked.

See the angle marks.

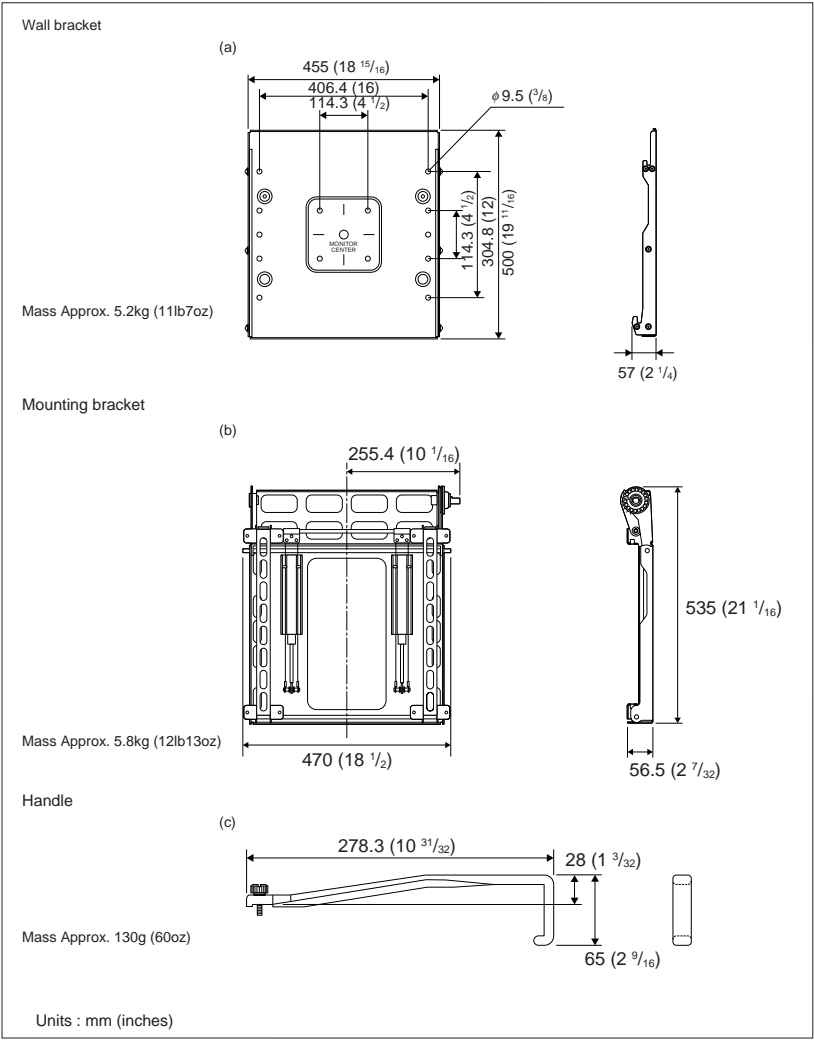


English

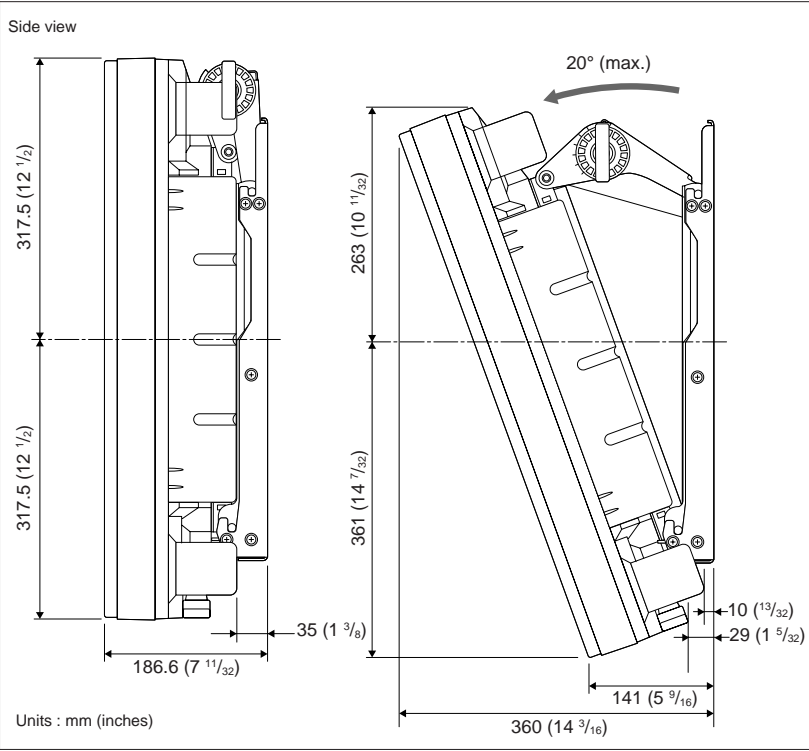
- 11 Loosen the screw and remove the handle.
Store the handle with the Operating Instructions.

Specifications

Dimensions



Dimensions of the assembled bracket

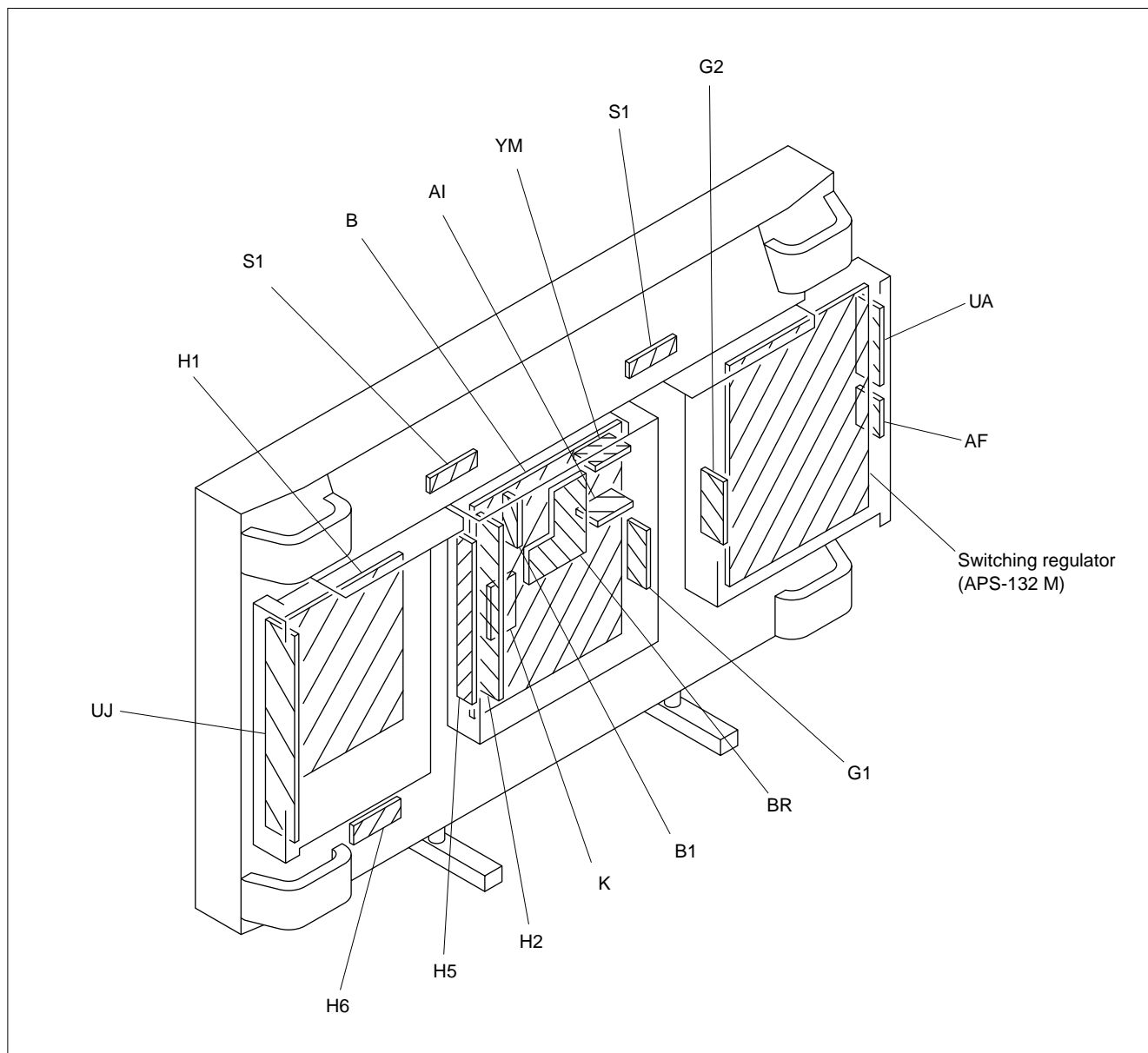


Design and specifications are subject to change without notice.

Section 2

Service Informations

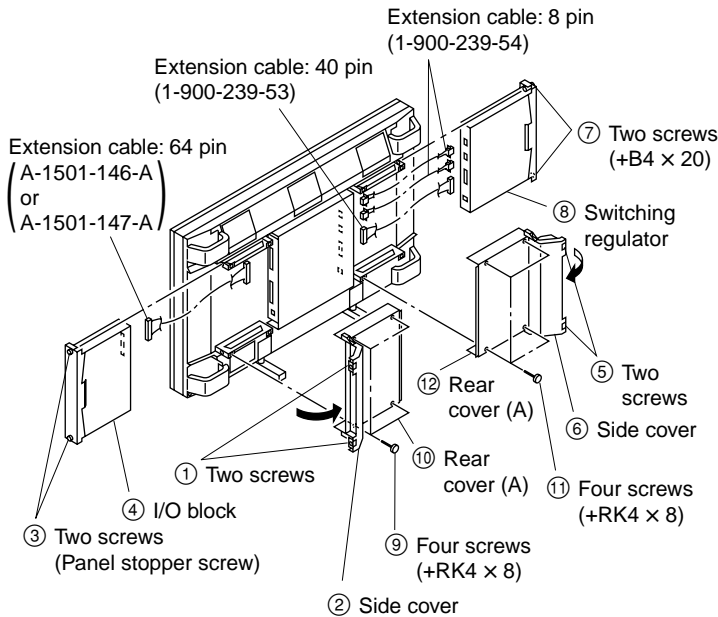
2-1. Circuit Boards Location



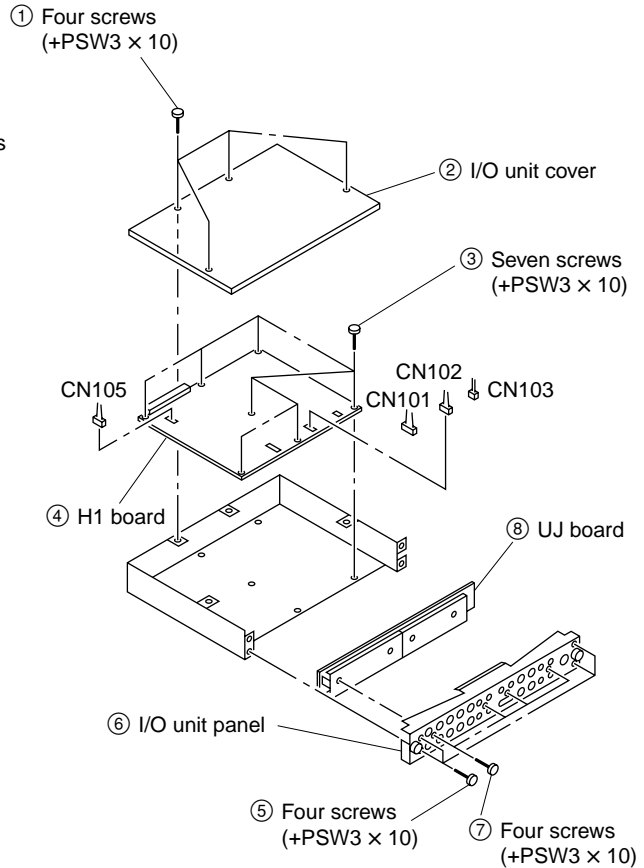
2-2. Disassembly

NOTE: When removing the switching regulator from the main unit, start performing more than 30 seconds after the main power is turned off.

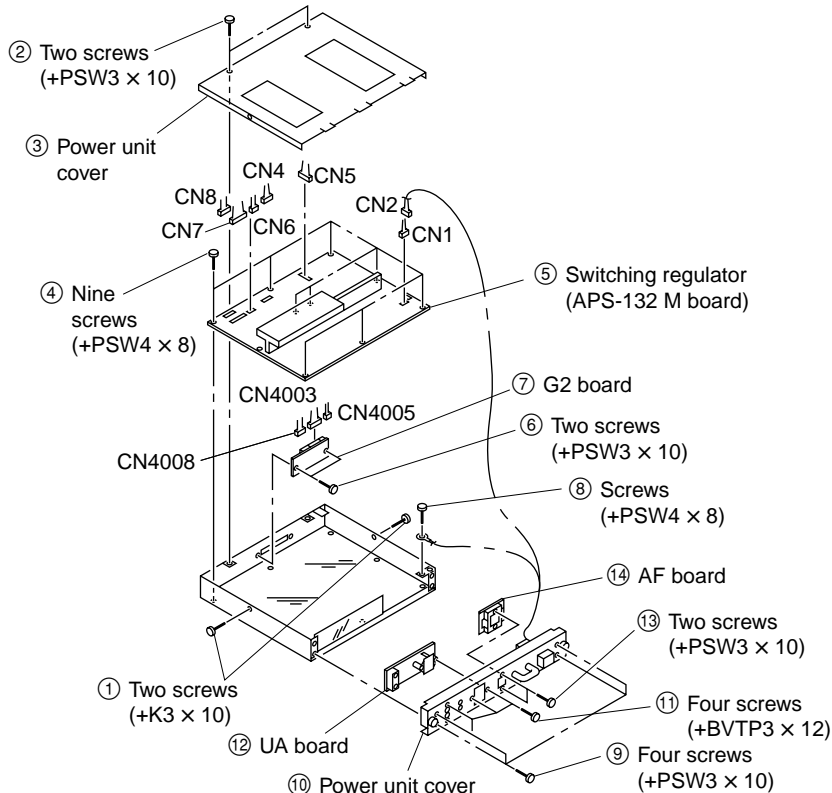
2-2-1. I/O and Switching Regulator Removal and Extension Cable Connection



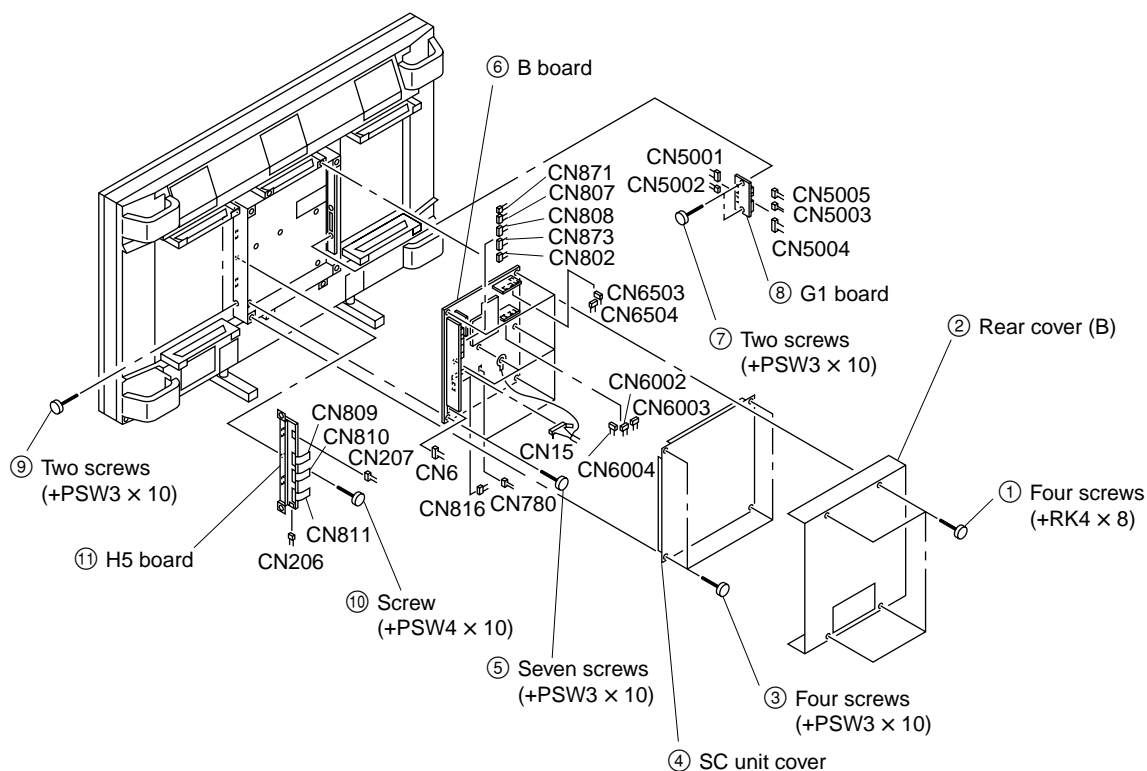
2-2-2. H1 and UJ Boards Removal



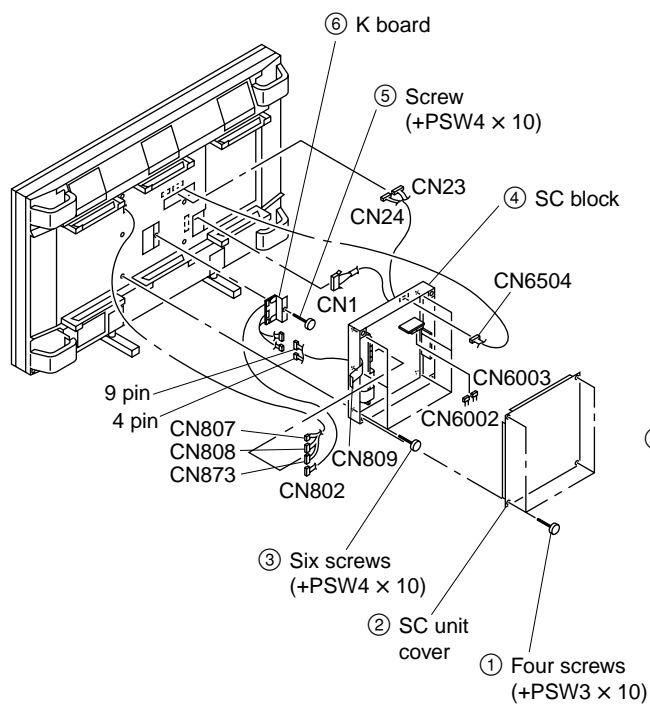
2-2-3. AF, G2, UA Boards and Switching Regulator (APS-132 M Board) Removal



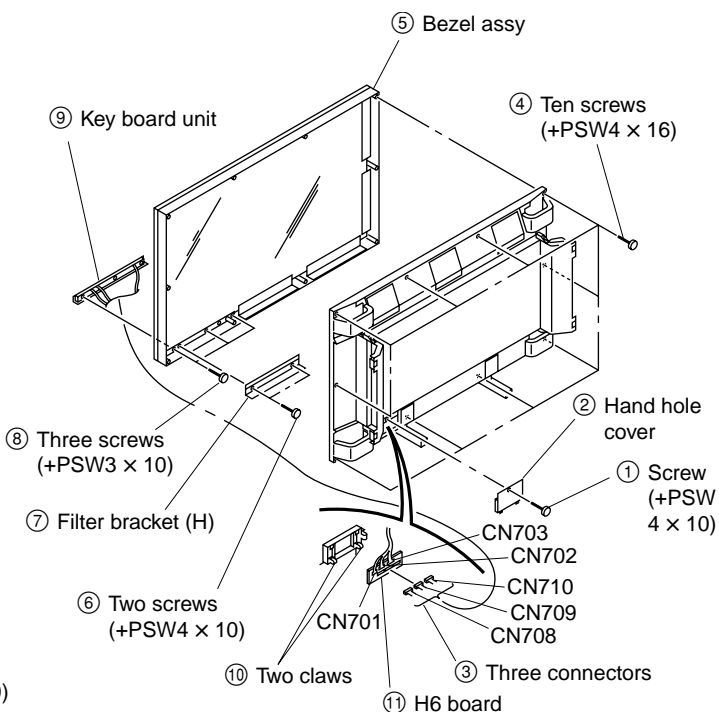
2-2-4. G1, H5 and B Boards Removal



2-2-5. K Board Removal

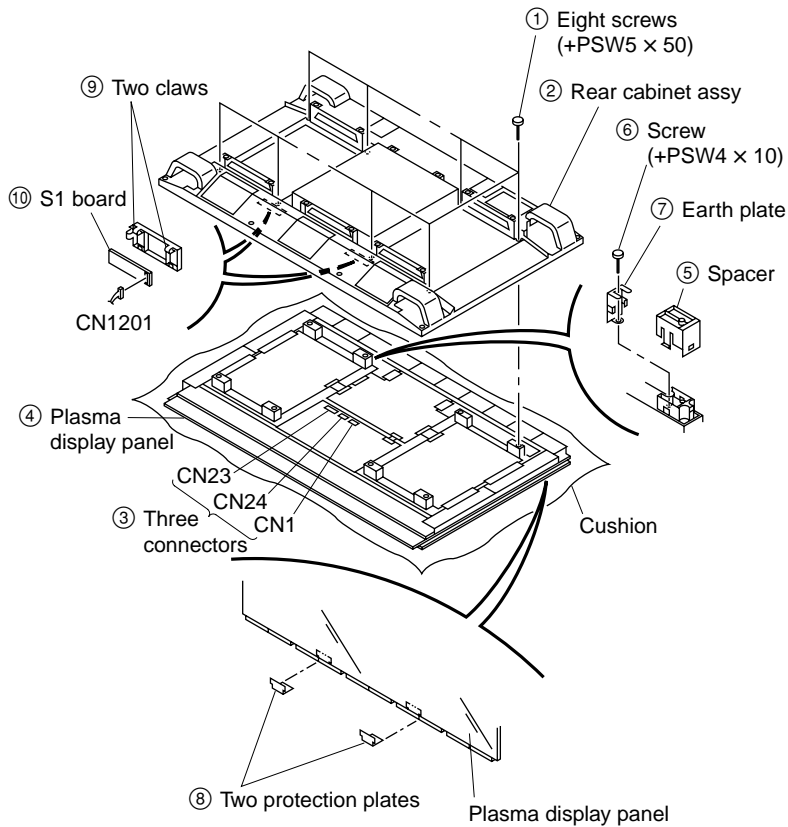


2-2-6. Bezel Assy and H6 Board Removal

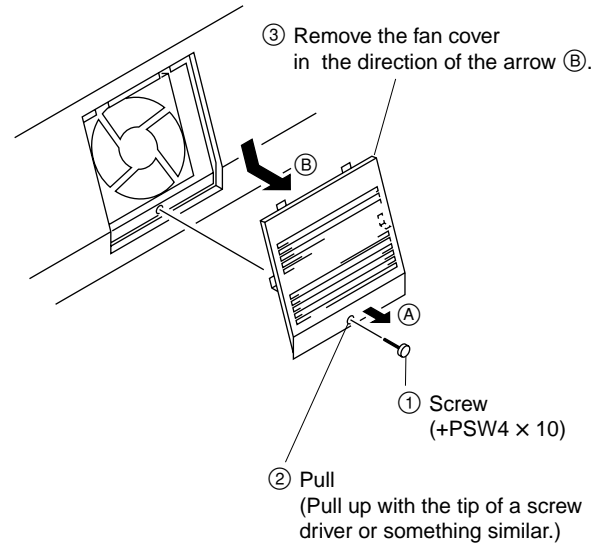


2-2-7. Plasma Display Panel and S1 Board Removal

- Remove the three connectors .
(CN1, 23, 24)
- [Refer to 2-2-5. K Board Removal]



2-2-8. Fan Cover Removal



Section 3

Electrical Adjustments

3-1. Equipment Required

- Oscilloscope
Tektronix 2465 or equivalent
(band width: 350 MHz or more)
- VG (Programmable video signal generator)
VG814 or equivalent
- Frequency counter
Advantest TR5821AK or equivalent
- Digital voltmeter
Advantest TR6845 or equivalent
- Potential transformer
- Regulated DC power supply
- Remote commander (RM-921)

Note: Perform the following adjustments at least 5 minutes after turning on the power.

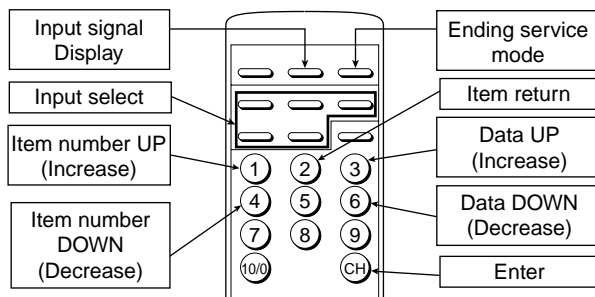
3-2. Electrical Adjustments in the Service Mode

Electric adjustment can be performed using the Remote Commander RM-921 attached to the set.
Adjustable items in the SERVICE mode are as follows.

MEMORY RESET Resets the EEPROM.
 PIC CONTROL Adjusts the level of analog signal circuits.
 W/B ADJUST Adjusts the gain of A/D converter and digital gamma circuit, and adjusts the sub bright.
 PIC SIZE Adjusts picture size.
 CONFIG Sets special functions.
 STATUS Checks internal status.

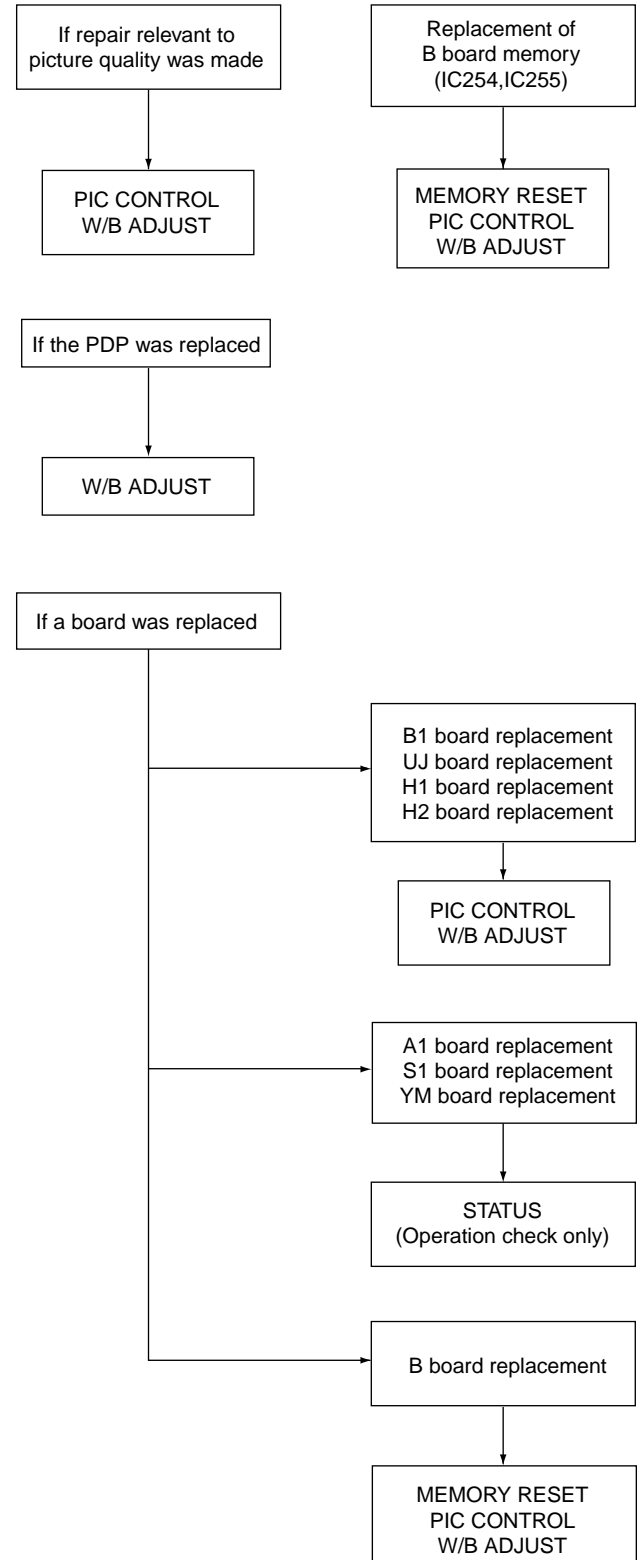
To enter the SERVICE mode, with the set in standby status, press **DISPLAY** → **5** → **VOL +** → **POWER** in this order.

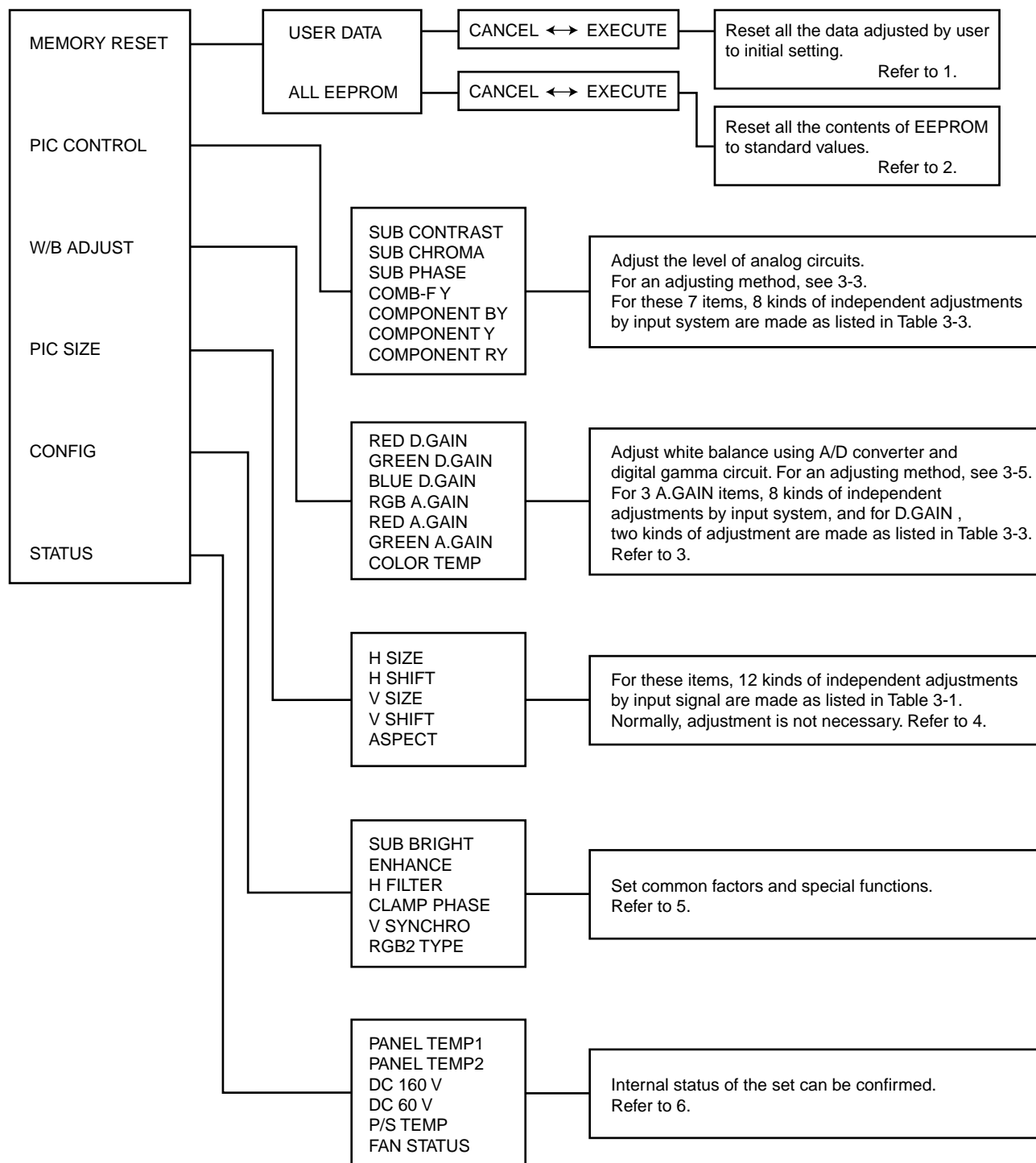
• Remote Commander functions in SERVICE mode



• Adjustment Required in Service Mode

Adjustment in the SERVICE mode is required if either of the following repairs was made.





1. USER DATA RESET (MEMORY RESET)

Items reset to initial setting, when executed.

CONTRAST	80	ASPECT	4 × 3
BRIGHTNESS	00		(16 × 9 for HDTV)
CHROMA	00	ENHANCE	HIGH
PHASE	00		(LOW for NTSC, PAL)
COLOR TEMP	HIGH	H FILTER	AUTO
H SIZE	00	DISPLAY	ON
H SHIFT	00	LANGUAGE	
V SIZE	00		ENGLISH
V SHIFT	00	REMOTE MODE	TV
		REMOTE ONLY	OFF

And, five kinds of user data of the MEMORY menu are all become empty.

2. ALL EEPROM RESET (MEMORY RESET)

All areas in EEPROM are reset to standard values saved in the system controller. Use this command when EEPROM was replaced.

Be careful when executing this command, because all data including service video data and service size data are rewritten.

3. W/B ADJUST

..... Read also “Precautions on Adjustment”
“RED D. GAIN”, “GREEN D. GAIN” and “BLUE D. GAIN” of digital gain adjustments can be set independently for COLOR TEMP “HIGH” and “LOW” respectively.

At the shipment, these have been set to D9300 in COLOR TEMP “HIGH” mode, and D6500 in “LOW” mode.

Also, the standard values when RESET is executed on the User Menu are determined depending on the COLOR TEMP setting.

4. PIC SIZE

..... Read also “Precautions on Adjustment”
Use this command when the picture size is to be adjusted.

This adjustment determines standard value in executing the reset of the user menu.

Even if the data are erased due to EEPROM replacement, execution of b) ALL EEPROM RESET allows 12 kinds of preset data saved in the system controller to be all copied, and therefore normally the adjustment is not necessary.

5. CONFIG

• SUB BRIGHT

Common adjusting factor. For details, see 3-4 “Sub Bright Adjustment”.

• ENHANCE/H FILTER

..... Read also “Precautions on Adjustment”

This adjustment determines standard value in executing the reset of the user menu.

Use this command when individual items are to be reset.

Even if the data are erased due to EEPROM replacement, execution of b) ALL EEPROM RESET allows 12 kinds of preset data saved in the system controller to be all copied, and therefore normally the resetting is not necessary.

• CLAMP PHASE

Set the video clamp position. If CLAMP PHASE is set to “B”, the video signals are clamped at the back porch. Also, if it is set to “F”, the video signals are clamped at the leading edge of sync signal.

Normally, set it to “B”.

• V SYNCHRO

This model is not used.

• RGB2 TYPE

Change setting from RGB to YUV, if mounting optional SDI.

Setting the RGB2 TYPE to “YUV” enables the input of YUV signals. In this case, input display of OSD is SDI.

Normally, select RGB.

Precautions on Adjustment

Preset data by input signal

COLOR TEMP
H SIZE
H SHIFT
V SIZE
V SHIFT
ASPECT
ENHANCE
H FILTER

These are related to the preset 12 kinds of signal timing (Table 3-1), and accordingly if no signal or unspecified signal is entered, "NOT ADJUSTABLE" is displayed at the top of screen, and at the same time, above 8 items are displayed in cyan. At this time, each data is the center value.

If either item is adjusted with unspecified signal input, the input signal timing is written to the MODE12 (ATI 1280 × 1024) area in Table 3-2.

Normally, do not make adjustment under "NOT ADJUSTABLE" condition.

The unspecified signal timing written to the MODE12 is reset to the initial setting by executing ALL EEPROM RESET.

6. STATUS

• PANEL TEMP1

The temperature data from thermal sensor mounted on the S1 board on the power supply block side (panel back side at top of set) is displayed in [°C]. Whether this temperature is faulty or not is given in "4-3. Trouble Codes List".

• PANEL TEMP2

The temperature data from thermal sensor mounted on the S1 board on the signal input terminal board block side (panel back side at top of set) is displayed in [°C].

Whether this temperature is faulty or not is given in "4-3. Trouble Codes List".

• DC 160 V

160 V DC voltage supplied to the PDP is displayed in [V].

Whether this voltage is faulty or not is given in "4-3. Trouble Codes List".

• DC 60 V

60 V DC voltage supplied to the PDP is displayed in [V].

Whether this voltage is faulty or not is given in "4-3. Trouble Codes List".

• P/S TEMP

The judged data from thermal sensor built in the power supply block is displayed. If normal, "OK" is displayed.

"NG" is displayed if a temperature rise of power supply block exceeds allowable value.

For the trouble of this temperature, see "4-3. Trouble Codes List".

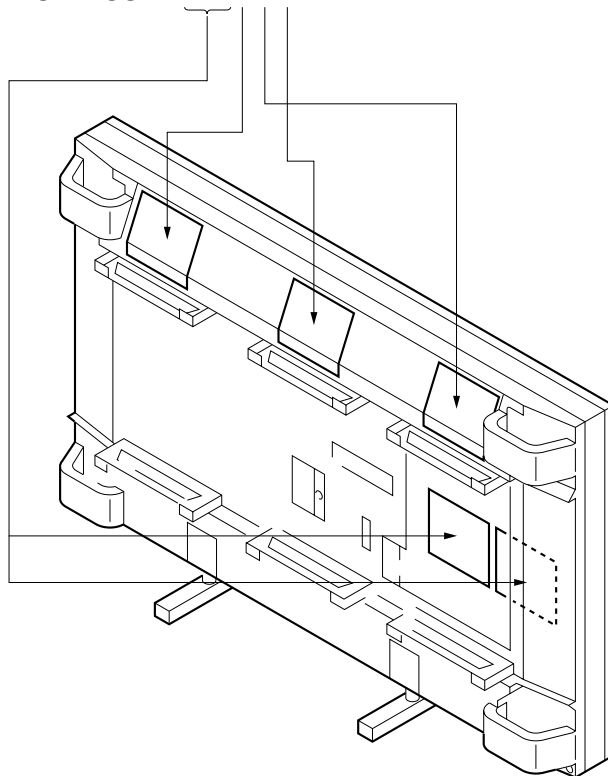
• FAN STATUS

Operating statuses of five cooling fans built in the set are displayed individually.

"L" is displayed if normal, or "H" if abnormal.

The relation between fan position and display is as shown below.

FAN STATUS : L L L L L



For the trouble of these fans, see "4-3. Trouble Codes List".

Table 3-1 Factory Preset Data

MODE	NAME	CLOCK (MHz)	H.FREQ (KHz)	V.FREQ (Hz)	EXT (H/V)	COMP VIDEO	COLOR TEMP	ASPECT	ENHANCE	H FILTER
1	NTSC	14.318	15.734	59.94		YES	HIGH	4 × 3	LOW	AUTO
2	PAL	17.75	15.625	50		YES	HIGH	4 × 3	LOW	AUTO
3	HDTV	37.125	33.75	59.94			HIGH	16 × 9	HIGH	AUTO
4	VGA	25.175	31.469	59.94	(-/-)		HIGH	4 × 3	HIGH	AUTO
5	VGA (TEXT)	28.332	31.469	70.111	(-/+)		HIGH	4 × 3	HIGH	AUTO
6	MAC13"	30.24	35	66.667	(-/-)		HIGH	4 × 3	HIGH	AUTO
7	MAC16"	57.285	49.727	74.553	(-/-)		HIGH	4 × 3	HIGH	AUTO
8	VESA 800 × 600	40	37.879	60.317	(+/-)		HIGH	4 × 3	HIGH	AUTO
9	VESA 1024 × 768	65	48.363	60.004	(-/-)		HIGH	4 × 3	HIGH	AUTO
10	ATI 1280 × 1024	110	63.953	59.94	(-/-)		HIGH	4 × 3	HIGH	AUTO
11	MAC21"	100	68.681	75.061	(-/-)		HIGH	4 × 3	HIGH	AUTO
12	ATI 1280 × 1024	135	79.976	75.025	(+/-)		HIGH	4 × 3	HIGH	AUTO

Table 3-2 Preset Timing

MODE	1		2		3		4		5		6		7		8		9		10		11		12	
NAME	NTSC		PAL		HDTV		VGA		VGA (TEXT)		MAC13"		MAC16"		VESA800 × 600		VESA1024 × 768		ATI1280 × 1024		MAC21"		ATI1280 × 1024	
RESOLUTION	753 × 483		923 × 573		960 × 1034		640 × 480		720 × 400		640 × 480		832 × 624		800 × 600		1024 × 768		1280 × 1024		1152 × 870		1280 × 1024	
CLOCK (MHz)	14.318		17.75		37.125		25.175		28.332		30.24		57.285		40		65		110		100		135	
HORIZONTAL																								
H. FREQ (KHz)	15.734		15.625		33.75		31.469		31.469		35		49.727		37.879		48.363		63.953		68.681		79.976	
	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots	μ sec	dots
H. TOTAL	63.556	910	64	1136	29.63	1100	31.778	800	31.766	900	28.571	864	20.11	1152	26.4	1056	20.667	1344	15.64	1720	14.56	1456	12.504	1688
H. BLK	10.9	156	12	213	3.771	140	6.356	160	6.353	180	7.407	224	5.586	320	6.4	256	4.923	320	4	440	3.04	304	3.022	408
H. FP	1.5	22	1.5	26	0.593	22	0.636	16	0.635	18	2.116	64	0.559	32	1	40	0.369	24	0.727	80	0.32	32	0.119	16
H. SYNC	4.7	67	4.7	84	0.593	22	3.813	96	3.812	108	2.116	64	1.117	64	3.2	128	2.092	136	1.018	112	1.28	128	1.067	144
H. BP	4.7	67	5.8	103	2.586	96	1.907	48	1.906	54	3.175	96	3.91	224	2.2	88	2.462	160	2.255	248	1.44	144	1.837	248
H. ACTIVE	52.656	754	52	923	25.859	960	25.422	640	25.413	720	21.164	640	14.524	832	20	800	15.754	1024	11.64	1280	11.52	1152	9.481	1280
VERTICAL																								
V. FREQ (Hz)	59.94		50		59.94		59.94		70.111		66.667		74.553		60.317		60.004		59.94		75.061		75.025	
	m sec	lines	m sec	lines	m sec	lines	m sec	lines	m sec	lines	m sec	lines	m sec	lines	m sec	lines	m sec	lines	m sec	lines	m sec	lines	m sec	lines
V. TOTAL	16.683	262.5	20	312.5	16.667	562.5	16.683	525	14.263	449	15	525	13.413	667	16.579	628	16.666	806	16.688	1067	13.323	915	13.329	1066
V. BLK	1.303	20.5	1.632	25.5	1.348	45.5	1.43	45	1.557	49	1.286	45	0.865	43	0.739	28	0.786	38	0.673	43	0.655	45	0.525	42
V. FP	0.254	4	0.192	3	0.178	6	0.318	10	0.381	12	0.086	3	0.06	3	0.026	1	0.062	3	0.016	1	0.044	3	0.013	1
V. SYNC	0.191	3	0.16	2.5	0.148	5	0.064	2	0.064	2	0.086	3	0.06	3	0.106	4	0.124	6	0.078	5	0.044	3	0.038	3
V. BP	0.858	13.5	1.28	20	1.022	34.5	1.049	33	1.112	35	1.114	39	0.744	37	0.607	23	0.6	29	0.579	37	0.568	39	0.475	38
V. ACTIVE	15.381	242	18.368	287	15.319	517	15.253	480	12.706	400	13.714	480	12.549	624	15.84	600	15.88	768	16.015	1024	12.67	870	12.8	1024
SYNC																								
SOG					YES						YES													
EXT (H/V)							(-/-)		(-/+)		(-/-)		(-/-)		(+/+)		(-/-)		(-/-)		(-/-)		(+/+)	
COMP VIDEO	YES		YES																					
VIDEO LEVEL	0.714V		0.700V		0.714V		0.714V		0.714V		0.714V		0.714V		0.714V		0.714V		0.714V		0.714V		0.714V	
SYNC LEVEL	0.286V		0.300V		0.286V		TTL		TTL		0.286V		TTL		TTL		TTL		TTL		TTL		TTL	

3-3. Adjustment of Respective Signal Levels

3-3-1. RGB Level Adjustment

1. Make preparation for adjustment, input AC, input the gray scale (Including 100IRE) of the VGA graphic (640×480) to RGB1, and select RGB1 using a remote commander.
2. Observe the TP503 (B IN) using an oscilloscope, and adjust the RGB A.GAIN level using a remote commander so that the signal level will be $1.10 \text{ V} \pm 0.01 \text{ V p-p}$. (Fig. 3-1)
3. Observe the TP501 (R IN) using an oscilloscope, and adjust the RED A.GAIN level with a Remote commander so that the signal level will be $1.10 \text{ V} \pm 0.01 \text{ V p-p}$. (Fig. 3-1)
4. Observe the TP502 (G IN) using an oscilloscope, and adjust the GREEN A.GAIN level using a remote commander so that the signal level will be $1.10 \text{ V} \pm 0.01 \text{ V p-p}$. (Fig. 3-1)
5. Input the gray scale of the HIGH VISION (YPbPr) to the RGB1, and select the YUV mode using a remote commander.
6. Observe the TP503 (B IN) using an oscilloscope, and adjust the RGB A.GAIN level using a remote commander so that the signal level will be $1.10 \text{ V} \pm 0.01 \text{ V p-p}$. (Fig. 3-1)

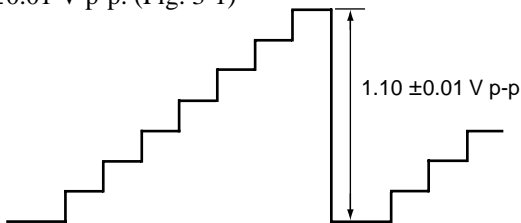


Fig. 3-1

3-3-2. YUV Level Adjustment

1. Input the YUV signal to the RGB1 Input terminal. The signal should be gray scale (NTSC).
2. Select the YUV mode using a remote commander to enter the adjustment mode.
3. Observe the TP2: BR board (G OUT) using an oscilloscope, and adjust the COMPONENT Y level so that the signal level will be $0.70 \text{ V} \pm 0.01 \text{ V p-p}$. (Fig. 3-2)

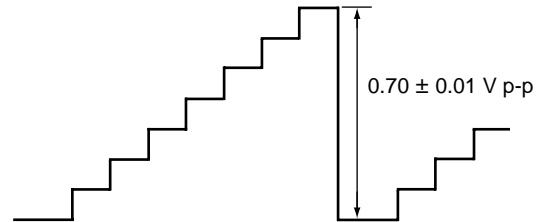


Fig. 3-2

4. Observe the TP503 (B IN) using an oscilloscope, and adjust the RGB A.GAIN level so that the signal level will be $1.10 \text{ V} \pm 0.01 \text{ V p-p}$. (Fig. 3-3)

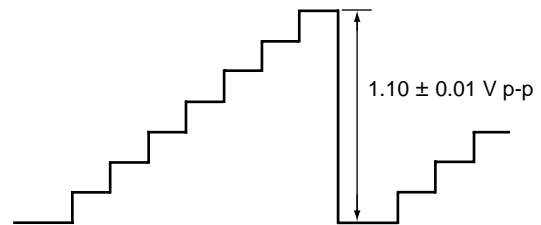


Fig. 3-3

5. Change the signal of 75 % color bar.
6. Adjust the COMPONENT B-Y so that the TP503 (B IN) level and the B level will be the same. (Fig. 3-4)

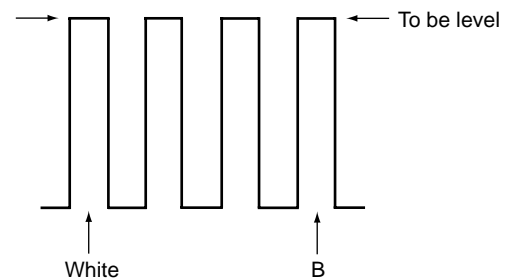


Fig. 3-4

7. Adjust the COMPONENT R-Y so that the TP501 (R IN) level and the R level will be the same. (Fig. 3-5)

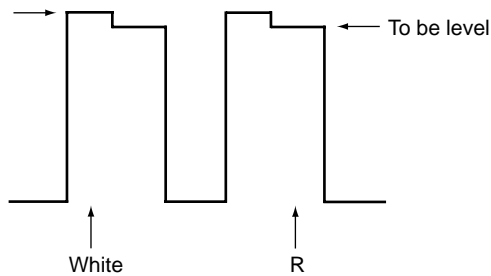


Fig. 3-5

8. Ensure tracking between 6 and 7.
 9. Adjust the SUB PHASE so that all the signal levels of the TP503 (B IN) will be the same. (Fig. 3-6)
- Standard level difference: Within 0.03 V

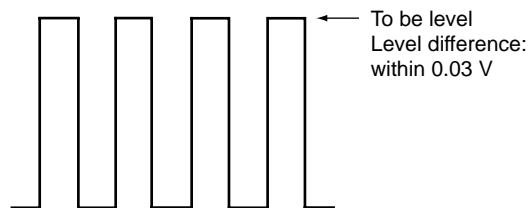


Fig. 3-6

10. The levels are not the same, ensure tracking among 6, 7 and 9.
11. Change the signal to the YUV of the PAL, and make the same adjustment as the NTSC.

Note: In the case of PAL, adjustment will be almost satisfactory when NTSC data are copied. So adjust only incorrect points after copying the data.

3-3-3. Y/C Level Adjustment

1. Input the gray scale of the NTSC to the Y/C input.
2. Select the Y/C with a Remote commander to enter the adjustment mode.
3. Observe the TP2: BR board (G OUT) using an oscilloscope, and adjust the SUB CONTRAST so that the signal level will be $0.70 \text{ V} \pm 0.01 \text{ V p-p}$. (Fig. 3-7)

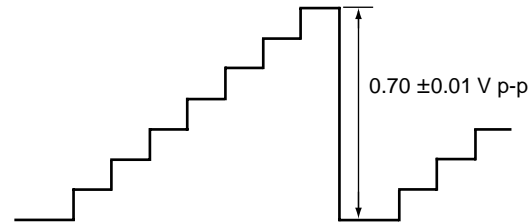


Fig. 3-7

4. Input the RGB A. GAIN level that was adjusted by the YUV of NTSC to the RGB A. GAIN.
5. Change the signal of 75 % color bar.
6. Adjust the SUB CHROMA so that the TP503 (B IN) white level and the B level will be the same. (Fig. 3-8)

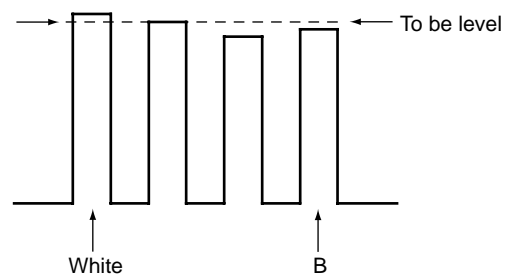


Fig. 3-8

7. Adjust the SUB PHASE so that all output will be the same. (Fig. 3-9)
- Standard: Within 0.03 V

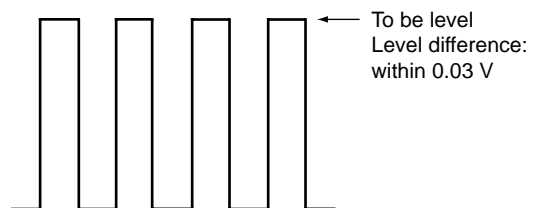


Fig. 3-9

8. Ensure tracking between 6 and 7.
9. Change the signal to the PAL and make the same adjustment as the case of the NTSC.

Note: In the case of the PAL, copy the NTSC data and then adjust incorrect points.

3-3-4. Adjustment of Composite Video Level

1. Input the gray scale of the NTSC to the line input, and enter the LINE input mode using a remote commander.
2. Enter the adjustment mode using a remote commander, and input the RGB A.GAIN level that was adjusted by the YUV of NTSC. Input the SUB CONTRAST value that was adjusted by the Y/C input to the SUB CONTRAST.
3. Observe the TP2: BR board (G OUT) using an oscilloscope, and adjust the COMB-F Y level so that the output level will be $0.70 \text{ V} \pm 0.01 \text{ V p-p}$. (Fig. 3-10)

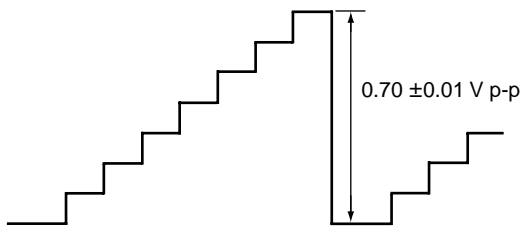


Fig. 3-10

4. Change the signal of 75% color bar, and adjust the SUB CHROMA so that the TP503 (B IN) white level and the B level will be the same. (Fig. 3-11)

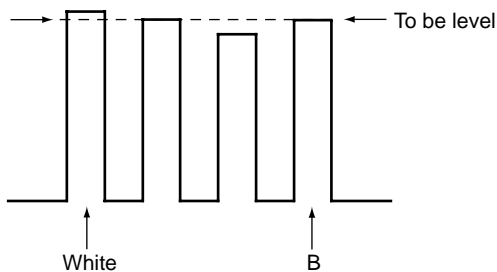


Fig. 3-11

5. Adjust the SUB PHASE so that all outputs will be the same. (Fig. 3-12)
Standard: Within 0.03 V

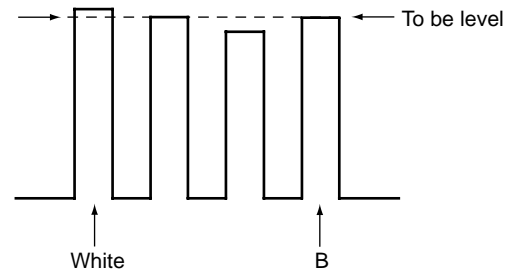


Fig. 3-12

6. Ensure tracking between 4 and 5.
7. Change the signal to the PAL and make the same adjustment as the case of the NTSC.

Note: In case of the PAL, adjustment will be almost satisfactory when NTSC data are copied. So adjust only incorrect points after copying the data.

3-4. Sub Bright Adjustment

1. Enter SMPTE color bar signal to the LINE input.
2. Adjust the SUB BRIGHT level so that the screen brightens dimly at 2.5 IRE and that 0 IRE becomes the same level as blanking level.

3-5. White Balance Adjustments

3-5-1. RGB System Adjustment

1. Input the entire white signal (80 IRE) of the VGA graphic (640 × 480) to the RGB1 Input terminal.
2. Select the RGB1 using remote commander to enter the adjustment mode.
3. Adjust the RED D.GAIN level and GREEN D.GAIN level so that the white balance level will be standards on 6500 K.
Normally, set BLUE D. GAIN to 255.
4. Set the COLOR TEMP to LOW, and BLUE D.GAIN to 223. Adjust RED D.GAIN level and GREEN D.GAIN level so that the specification of 6500 K is satisfied.
If it is not satisfied, decrease the BLUE D.GAIN every 16 steps and readjust again.

3-5-2. High Vision Adjustment

1. Input the entire white signal (80 IRE) of the HIGH VISION to the RGB1 Input terminal.
2. Select the YUV using remote commander to enter the adjustment mode.
3. Adjust the RED A.GAIN level and GREEN A.GAIN level so that the white balance level will be standards on 6500 K.

3-5-3. Video System Adjustment

1. Input the entire white signal (80 IRE) of the YUV (NTSC) to the RGB1 Input terminal.
2. Select the YUV using remote commander to enter the adjustment mode.
3. Adjust the RED A.GAIN level and GREEN A.GAIN level so that the white balance level will be standards on 6500 K.
4. Input the RED A.GAIN level and GREEN A.GAIN level that was adjusted by the YUV of NTSC when input to the LINE Input terminal (NTSC and PAL), Y/C Input terminal (NTSC and PAL) and RGB1 Input terminal (PAL).

Table 3-3

Data requiring overall adjustment									
D A 1		RGB1	YUV HDTV	YUV NTSC	YUV PAL	COMPOSITE NTSC	COMPOSITE PAL	Y/C NTSC	Y/C PAL
	SUB CONTRAST	×	×	×	×	000 – 255	000 – 255	000 – 255	000 – 255
	SUB PHASE	×	×	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255
	SUB CHROMA	×	×	×	×	000 – 255	000 – 255	000 – 255	000 – 255
D A 2	RGB A.GAIN Level	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255
	RED A.GAIN Level	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255
	GREEN A. GAIN Level	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255	000 – 255
	COMF Y Level	×	×	×	×	000 – 255	000 – 255	×	×
	COM Y Level	×	×	000 – 255	000 – 255	×	×	×	×
	COM R–Y Level	×	×	000 – 255	000 – 255	×	×	×	×
	COM B–Y Level	×	×	000 – 255	000 – 255	×	×	×	×
	RED D.GAIN Level	000 – 255	×	×	×	×	×	×	×
	GREEN D. GAIN Level	000 – 255	×	×	×	×	×	×	×

3-6. Switching Regulator (APS-132M Board) Adjustments

3-6-1. Preparation

1. Remove the switching regulator from the set, and adjust it under no load.
2. If adjusting the switching regulator with each output loaded, set as follows.

• Load on each output

Output	Pin No.	MIN	MAX
VCC	CN4 ① pin	1.0 A	5.0 A
VS	CN5 ② pin	0.5 A	1.7 A
VA	CN5 ⑤ pin	0.5 A	1.5 A
AUDIO +B	CN6 ③ pin	0.05 A	1.0 A
STBY +5V	CN7 ② pin	0.2 A	0.3 A
5VD	CN7 ⑤ pin	1.2 A	1.8 A
6.2V	CN7 ⑧ pin	0.6 A	1.0 A
13.5V	CN7 ⑫ pin	0.5 A	1.0 A
13V	CN7 ⑭ pin	0.4 A	1.0 A

3-6-2. 13V System Minimum Frequency Adjustment

1. Apply 18 V DC to both ends of C169.
2. Connect a frequency counter between gate and source of Q153.

Note: As the input of frequency counter, use 10 : 1 oscilloscope probes and raise the input impedance.

3. Adjust the RV150 so that the oscillation frequency is 93 ± 0.5 kHz.

3-6-3. VS System Minimum Frequency Adjustment

1. Short between ③ and ④ pins of PH501.
2. Apply 18 V DC to both ends of C169.
3. Connect a frequency counter between gate and source of Q503.

Note: As the input of frequency counter, use 10 : 1 oscilloscope probes and raise the input impedance.

4. Adjust the RV500 so that the oscillation frequency is 49 ± 0.5 kHz.

3-6-4. VA System Minimum Frequency Adjustment

1. Short between ③ and ④ pins of PH701.
2. Apply 18 V DC to both ends of C169.
3. Connect a frequency counter between gate and source of Q703.

Note: As the input of frequency counter, use 10 : 1 oscilloscope probes and raise the input impedance.

4. Adjust the RV700 so that the oscillation frequency is 65 ± 0.5 kHz.

3-6-5. PFC Voltage Adjustment

1. Set the load on each output to the minimum.
2. Apply 100 V AC.
3. Turn the STBY signal ON. (short between CN7 ① and ② pins).
4. Adjust the RV300 so that the voltage across C115 is 385 ± 2 V.

3-6-6. 5V Adjustment

1. Set the load on each output to the minimum.
2. Apply 100 V AC.
3. Adjust the RV201 so that the voltage of STBY +5 V output (between CN7 ① and ② pins) is 5.12 ± 0.03 V.

3-6-7. 13.5V Adjustment

1. Set the load on each output to the minimum.
2. Apply 100 V AC.
3. Turn the STBY signal ON. (short between CN7 ① and ② pins).
4. Adjust the RV250 so that the voltage of 13.5 V output (between CN7 ⑫ and ⑪ pins) is 13.7 ± 0.05 V.

3-6-8. VS Adjustment

1. Open the load on VS and VA outputs, and set the load on the other outputs to the minimum.
2. Apply 100 V AC.
3. Turn the STBY signal ON (short between CN7 ① and ② pins), and also the VRR signal ON (short between CN4 ⑦ pin and CN7 ② pin).
4. Apply 0 V DC to the VRS (CN4 ③ pin). Use CN4 ④ pin as GND.
5. Adjust the RV402 so that the voltage of VS output (between CN5 ② and ⑥ pins) is about 149 V.
6. Adjust the RV400 so that the voltage is 149.2 V.
7. Adjust the RV402 so that the voltage is 150 ± 0.1 V.
8. Apply 2 V DC to the VRS.
9. Check that the voltage is 170 ± 0.3 V. If the measured value is out of the range, repeat the above steps from 4, where in step 6, shift the adjustment value a little, then check the voltage.

3-6-9. VS OCP

1. Set the load on each output to the minimum.
2. Apply 100 V AC.
3. Turn the $\overline{\text{STBY}}$ signal ON (short between CN7 ① and ② pins), and also the VRR signal ON (short between CN4 ⑦ pin and CN7 ② pin).
4. Apply 0 V DC to the VRS (CN4 ③ pin).
Use CN4 ④ pin as GND.
5. Connect a voltmeter to the VS output (between CN5 ② and ⑥ pins).
6. Set the load on VS output to 3.8 A, and rotate the RV401 until the output voltage varies.

Note: Be careful, not to turn excessively, because power can not be obtained.

3-6-10. VA Adjustment

1. Open the load on VS and VA outputs, and set the load on the other outputs to the minimum.
2. Apply 100 V AC.
3. Turn the $\overline{\text{STBY}}$ signal ON (short between CN7 ① and ② pins), and also the VRR signal ON (short between CN4 ⑦ pin and CN7 ② pin).
4. Apply 0 V DC to the VRA (CN4 ⑤ pin).
Use CN4 ⑥ pin as GND.
5. Adjust the RV602 so that the voltage of VA output (between CN5 ⑤ and ① pins) is about 49 V.
6. Adjust the RV600 so that the voltage is 49.2 V.
7. Adjust the RV602 so that the voltage is 50 ± 0.1 V.
8. Apply 2 V DC to the VRA.
9. Check that the voltage is 70 ± 0.3 V. If the measured value is out of the range, repeat the above steps from 4, where in step 6, shift the adjustment value a little, then check the voltage.

Note: As the output voltage varies according to the voltage applied to the VRA, do not shift the applied voltage (2 V DC).

3-6-11. VA OCP

1. Set the load on each output to the minimum.
2. Apply 100 V AC.
3. Turn the $\overline{\text{STBY}}$ signal ON (short between CN7 ① and ② pins), and also the VRR signal ON (short between CN4 ⑦ pin and CN7 ② pin).
4. Apply 0 V DC to the VRA (CN4 ⑤ pin).
Use CN4 ⑥ pin as GND.
5. Connect a voltmeter to the VA output (between CN5 ⑤ and ① pins).
6. Set the load on VA output to 4.4 A, and rotate the RV601 until the output voltage varies.

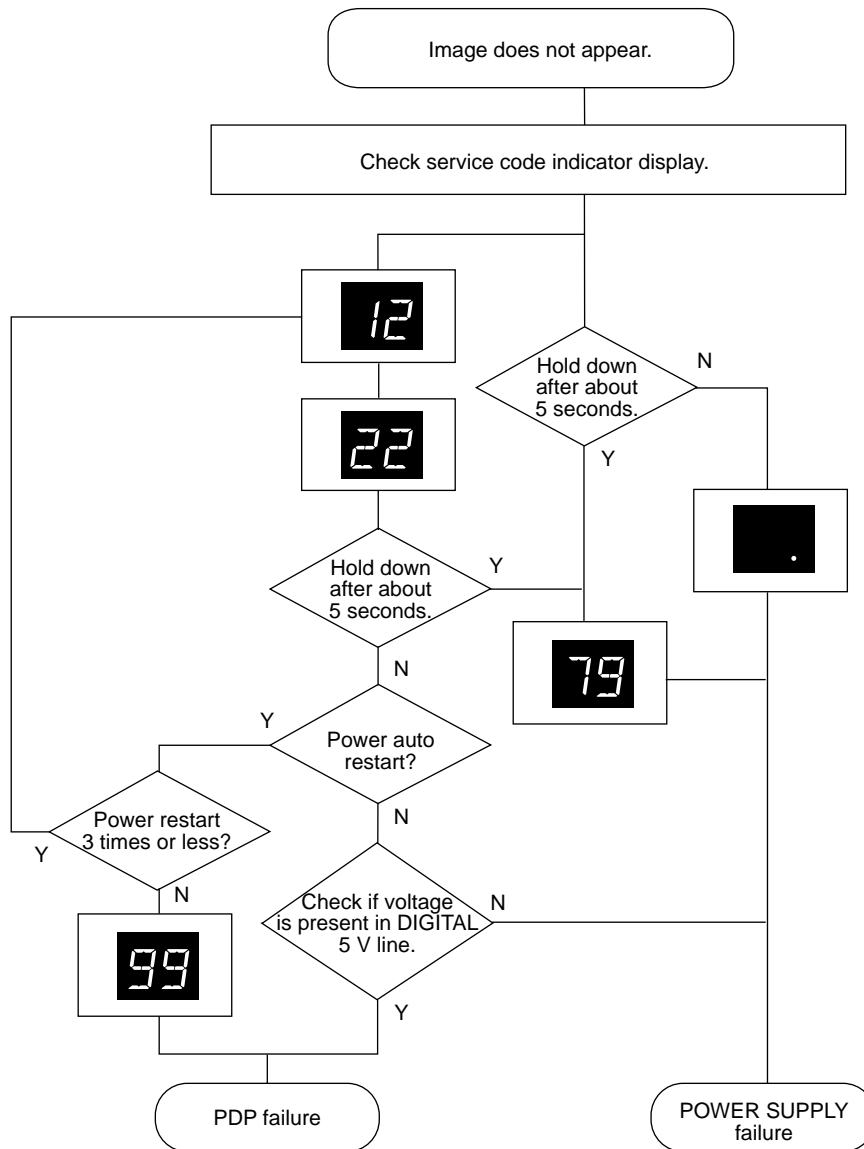
Note: Be careful, not to turn excessively, because power can not be obtained.

Section 4

Trouble Shooting

4-1. Judging Method When Image Does Not Appear

1. Flow chart



2. How to find PDP unit trouble

- 1) The power must be supplied normally to the PDP unit.
This power is supplied through two black 8-pin connectors from the power unit. The kinds of power supply are 160 V line, 60 V line, and 5 V line.

- 2) As input signals, H.SYNC (negative polarity), V.SYNC (negative polarity), BLANKING (negative polarity), CLOCK and RGB digital data (8 bit × 3) must be entered normally and DISPEN must be “high”.

If no images appears through the above conditions are satisfied, the PDP unit will be defective.

4-2. Self Diagnostic Function

4-2-1. General Description

The self diagnostic function of this set comprises four channels to detect analog voltage (160 V, 60 V DC voltage for panel drive, and 2 kinds of panel back side temperature) using A/D converters, six channels of shift registers to detect fan operations and power supply temperature threshold values, digital 5 V detection and fan control detection (microprocessor port). In case of an alarm or trouble, it displays a “trouble code” on the service code indicator in the power supply block, and also it blinks a standby indicator on the control panel and displays the detected data on the “STATUS” of the service menu. Further, it performs the “shut down” operation forcibly if an alarm status exceeds allowable value.

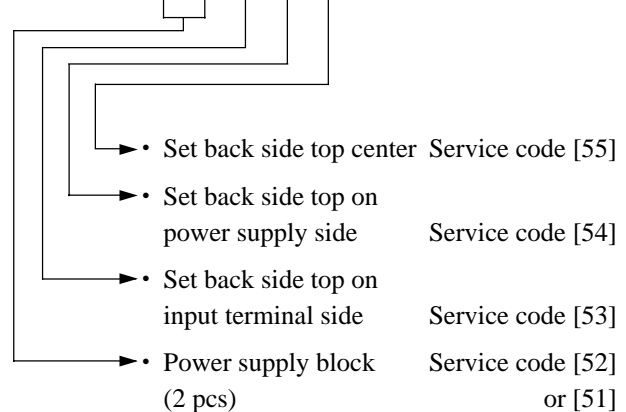
The detection items are as follows:

1. Detection of internal DC voltage 160 [V] rise and drop.
2. Detection of internal DC voltage 60 [V] rise and drop.
3. Detection of temperature rise at panel top on power supply block side, and shut down.
4. Detection of temperature rise at panel top on input terminal block side, and shut down.
5. Detection of fan operation stop.
*Three fans at panel top, and two fans for power supply.
6. Fan control circuit alarm detection.
7. Detection of temperature rise in power supply block.
8. Shut down by faulty 5 [V] for internal digital circuits.
9. Detection of EEPROM trouble
10. PDP trouble diagnosis by combining voltage detections, and shut down.

4-2-2. Trouble Criteria

1. Internal DC voltage 160 [V] rise and drop
(Service menu function name: DC 160 V)
Normal range is reference voltage 160 [V] \pm 32 [V].
High voltage warning for more than 192 [V].
Service code [11]
Low voltage warning for less than 128 [V].
Service code [12]
2. Internal DC voltage 60 [V] rise and drop
(Service menu function name: DC 60 V)
Normal range is reference voltage 60 [V] \pm 15 [V].
High voltage warning for more than 75 [V].
Service code [21]
Low voltage warning for less than 45 [V].
Service code [22]
3. Temperature rise at PDP panel back side top on power supply block side
(Service menu function name: PTEMP1)
Normal range is up to 58 [dC].
High temp. warning for more than 59 [dC].
Service code [31]
Shut down for more than 68 [dC]. Service code [39]
4. Temperature rise at PDP panel back side top on input terminal block side
(Service menu function name: P TEMP2)
Normal range is up to 54 [dC].
High temp. warning for more than 55 [dC].
Service code [41]
Shut down for more than 64 [dC]. Service code [49]
5. Cooling fan motor stop
(Service menu function name: FAN)
In the service menu STATUS, each fan status is displayed with “L” or “H”.

FAN: L L L L L



OSD displayL for normal, or H for abnormal (stop)

6. Fan Control Circuit Alarm

(Service Menu function name: None)

Alarm where the fan drive voltage is not output due to faulty voltage transforming circuit in the YM board.

Service Code [58]

Note: This alarm is displayed 15 to 20 seconds after actual operation failure occurred, and therefore only the fan stop alarm may be displayed immediately after the failure occurred.

7. Temperature rise in power supply block

(Service menu function name: P/S TEMP)

High temperature warning is output if the temperature of radiator panel for main converter in power supply block exceeds the allowable value. Service code [61]

8. Faulty 5 [V] for PDP and digital circuits

(Service menu function name: None)

The voltage entered to the system controller (IC252) pin 62 is detected.

Shut down if no voltage is entered. Service code [79]

9. EEPROM Access error

(Service menu function name: None)

Warning if communication with EEPROM failed.

EEPROM1 (IC254) error. Service code [81]

EEPROM2 (IC255) error. Service code [82]

10. PDP trouble diagnosis

(Service menu function name: None)

The PDP will be troubled, if digital 5 V is normal but both DC 160 V and DC 60 V are not entered, among PDP drive voltages (DC 160 V, DC 60 V, and digital 5 V).

When the following voltage conditions are all satisfied

- 1) DC 160 V is less than 40 [V]
- 2) DC 60 V is less than 20 [V]
- 3) Digital 5 V is normal

this function places the PDP in standby mode once, then restarts the power supply. It repeats this operation three times, and if the above three conditions are not recovered normally, it judges the PDP as trouble, and shuts it down. Service code [99]

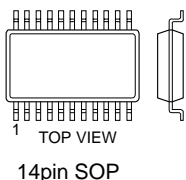
4-3. Trouble Codes List

Display Codes	Function Trouble Status	Name
11	DC 160 V high voltage warning (over 192 V)	DC 160V
12	DC 160 V low voltage warning (below 128 V)	DC 160V
21	DC 60 V high voltage warning (over 75 V)	DC 60V
22	DC 60 V low voltage warning (below 45 V)	DC 60V
31	High temp. warning at panel top on power supply block side (over 59 dC)	PANEL TEMP1
39	Shut down by high temp. at panel top on power supply block side (over 68 dC)	PANEL TEMP1
41	High temp. warning at panel top on input terminal block side (over 55 dC)	PANEL TEMP2
49	Shut down by high temp. at panel top on input terminal block side (over 64 dC)	PANEL TEMP2
51	Power supply block intake fan 1 stop warning	FAN STATUS
52	Power supply block intake fan 2 stop warning	FAN STATUS
53	Panel top input terminal block exhaust fan stop warning	FAN STATUS
54	Panel top power supply block exhaust fan stop warning	FAN STATUS
55	Panel top center exhaust fan stop warning	FAN STATUS
58	Fan control circuit alarm warning	
61	Power supply block high internal temp. warning	P/S TEMP
79	Shut down by faulty 5V for digital circuits	
81	EEPROM1 Access error	
82	EEPROM2 Access error	
99	Shut down by panel trouble (when digital 5 V is normal, DC 160 V is below 40 V, and DC 60 V is below 20 V, the power supply is restarted 3 times repeatedly, but these voltages are not recovered normally)	

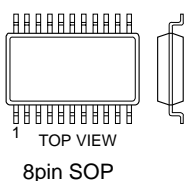
Section 5

Semiconductors

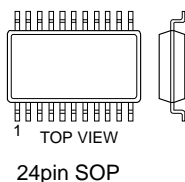
BA10324AF-E2
MC74HC04AF
MC74HC04AF-T2
MC74HC132AF
MC74HC132AF-T2
MC74HC14AF-T2
SN74HC08ANS
SN74HC08ANSR
SN74HC14ANS
TC74ACT04F
TC74ACT04F-EL
TC74VHC74F
TC74VHC74F(EL)
TLC2932IPW
TLC2932IPW-E20
TLC2933IPWR
XRA10324AF



BA10358F
BA10358F-E2
BA10358F-T2
BA10393F-E2
CXA1211M
CXA1211M-T4
LM2903M
LM2903M-E20
LM2903PS
MM1113XFBE
MM1114XFBE
NJM2904E(TE2)
NJM2904M
TC4W53FU
TC4W53FU(TE12R)
TC4W66F(TE12R)
TC7W125FU-TE12R
TC7W14FU(TE12R)
TC7W66FU(TE12R)
TC7W74FU
TC7W74FU(TE12R)
TL026CPS-E05
 μ PC358G2-T1
24LC21AT/SN
24LC21T/SN



BA7657F-E2
M66258FP-E2
TA8184F(EL)
 μ PC659AGS-E2



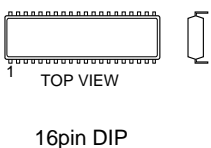
CXA1739S



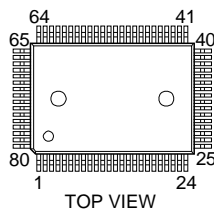
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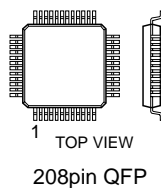
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ICS9161A-01CW16T
KS6369-20AP
TK83854D



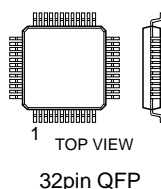
CXD2024AQ
CXD2024AQ-TL
CXD2303AQ
CXD2303AQ-TL
CXD303-105Q



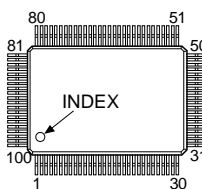
CXD2075Q



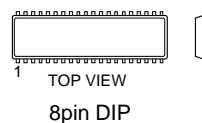
CXD2302Q-T4



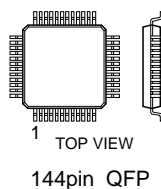
CXD305-114Q
 μ PD6486GF-3BA



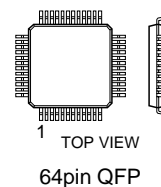
EPC1PC8-9683V1.00
MM1170BFB
FA5317P



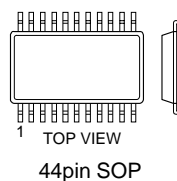
EPF10K20TC144-3



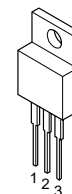
HD6473257F10-HDPFM1



HM530281-20
HM530281RTT-20
MSM27C802CZ-HD1GS-KDR1



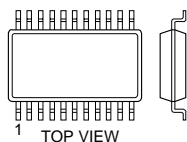
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LM2940CT-5.0
 μ PC2405HF
 μ PC24M12AHF



LM35DZ

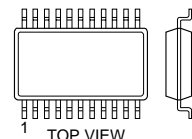


MAX202CSE
MAX202CSE-T
MC74HC4051F
MC74HC4051F-T2
MC74HC4052F
MC74HC4052F-T2
MC74HC4053F
MC74HC4053F-T2
MC74HC4538AF-T2
MC74HC4538F
MC74HC589AFEL
MC74HC595AF
TC74VHC157F
TC74VHC157F(EL)
TDA4665T/V5-118



16pin SOP

MB90096PF-G-182-BND-ER
MN47V77ST1
μPD42280GU-30-E2



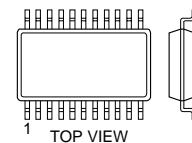
28pin SOP

M52036SP



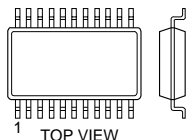
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M6M80041FP
M6M80041FP-T2



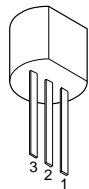
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M62352GP-75E
M62352GP-75ED
SN74ABT540NS-E05
SN74ABT574ANSR
SN74HC244ANS
SN74HC244ANSR
TC35095AF
TC35095AF-TP1
TC74VHC245F
TC74VHC245F(EL)
TC74VHC574F
TC74VHC574F(EL)



20pin SOP

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TA78L09F-TE12L
TA78L12S
TA78L12S-TPE2



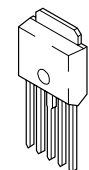
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NJM79L05A

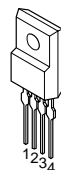


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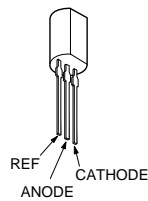


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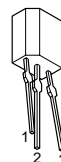


4pin

TA76431AS

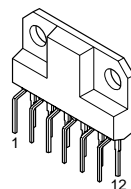


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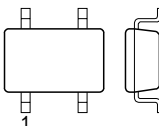
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TA8200AH
TA8216H



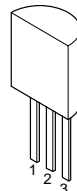
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TC4S69F(TE85R)
TC7S08FU(TE85R)
TC7S66FU
TC7S66FU(TE85R)



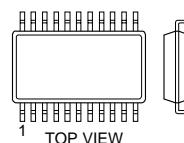
5pin CHIP

μPC1093J-1-T



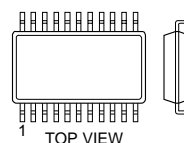
4pin

μPC1830GT-E2



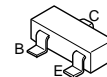
42pin SOP

μPC1862GS-E2

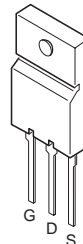


36pin SOP

DTA114EKA-T146
DTA124EKA-T146
DTA144EKA-T146
DTC114EK
DTC114EKA-T146
DTC114YKA-T146
DTC144EKA-T146
2SA1036K-R
2SA1036K-T-146-R
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1037K-T-146-S
2SA1162-G
2SB624-BV345
2SB624T1-BV345
2SC1623-L5L6
2SC2412K-T-146-Q
2SC2412K-T-146-QR

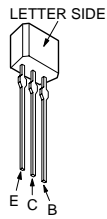


FS7KM-16A
FS10KM-10
2SJ334
2SK2425
2SK3142-01
2SK3212-01

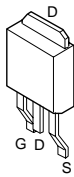


G, D, S

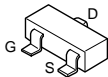
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2SD1862TV2QR



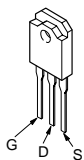
2SJ377(TE16L)



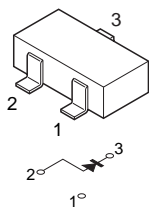
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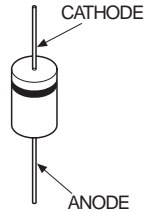
2SK2370(2)



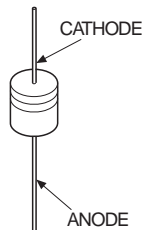
02CZ10-TE-85L
02CZ12-TE85L
MA3100-TX
RD5.6M-B2
RD5.6M-T1B2



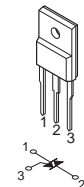
05NH46
D1NL20U
D1NL20U-TA2
RD33EB3T
RD33ES-T1B2



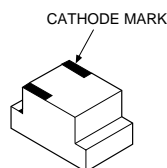
AU02A
AU02A-V0
D1N20R
D1N20R-TR
RD10ES-T1B2
RD10ESB2
RD36ES-T1B2
RD36ESB2



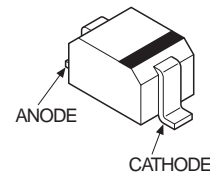
BT139X-600



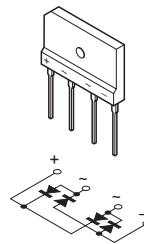
CL-170D-CD-T



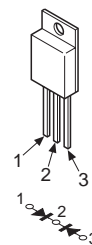
DTZ-TT11-3.3B
DTZ4.7C
MA111-(K8).S0
MA111-TX
RD12SB2
RD5.6SB
UDZ-TE-17-12B
UDZ-TE-17-3.9B
UDZ-TE-17-4.7B
UDZ-TE-17-5.6B
UDZ-TE-17-7.5B
1SS355TE-17



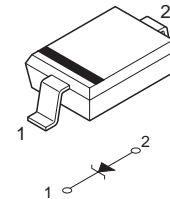
D25XB60



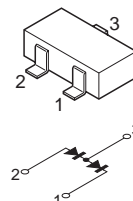
FCH20A10
FCH30A04
FCH30A06



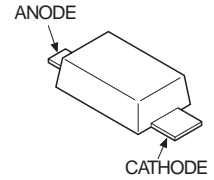
HRU0103ATRF
HZU22B2TRF
HZU30BTRF
HZU6.2BTRF
HZU7.5B2TRF



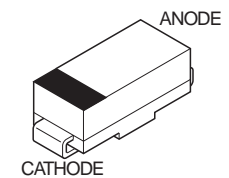
MA157-TX
1SS226



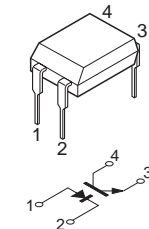
MA77
MA77-TX
MA8039



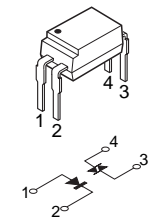
NSQ03A06-TE16L



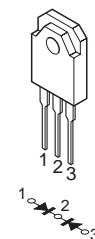
PC123F2
PC123FY2



S21MT2F



20DL2C41A
20FL2C41A
20JL2C41A



Section 6

Exploded Views

NOTE :

The components identified marked △ are critical for safety.
Replace only with the part number specified.

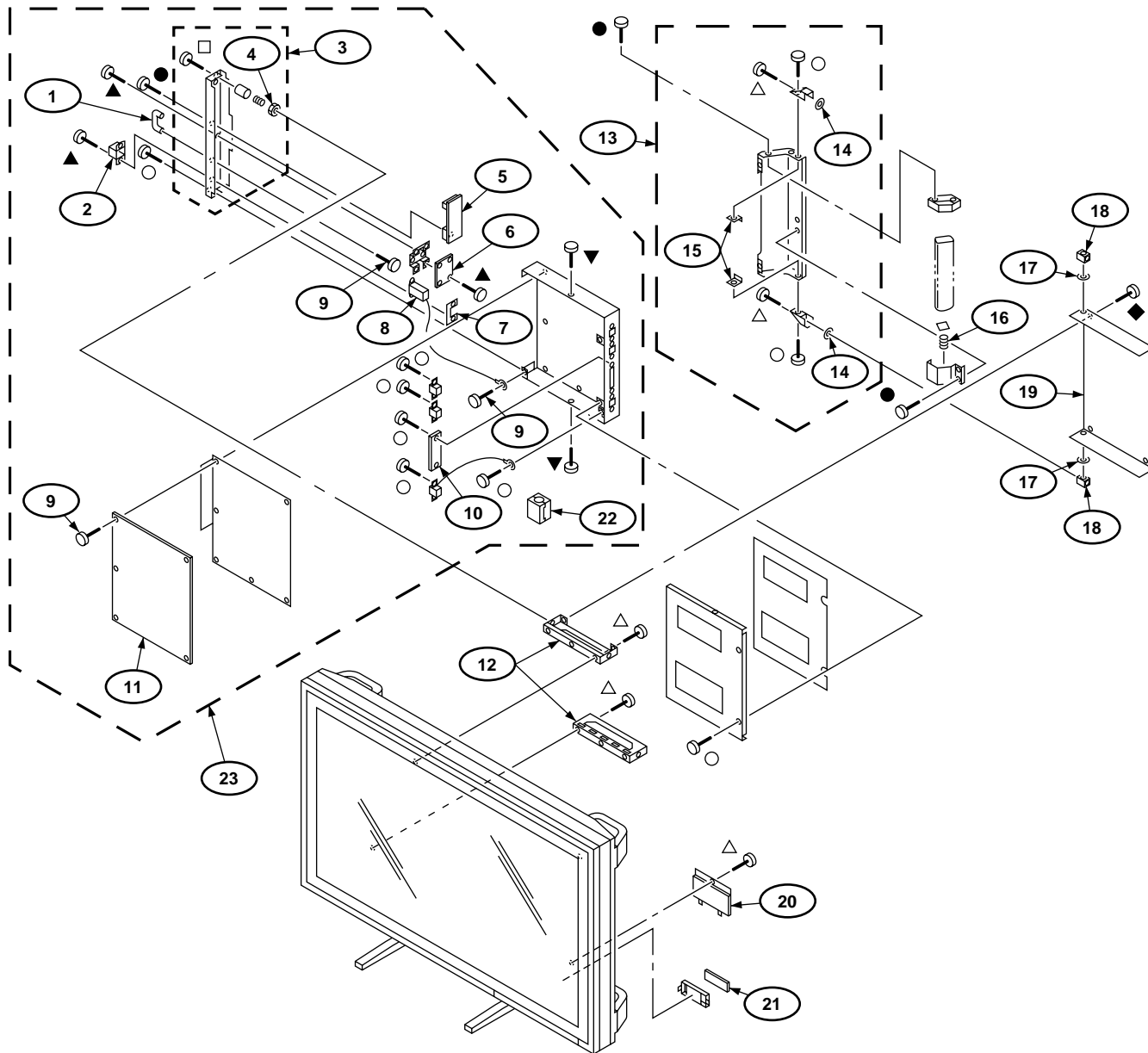
Les composants identifiés par la marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.

PFM-510A1WU/510A1WE

6-1. Power Block

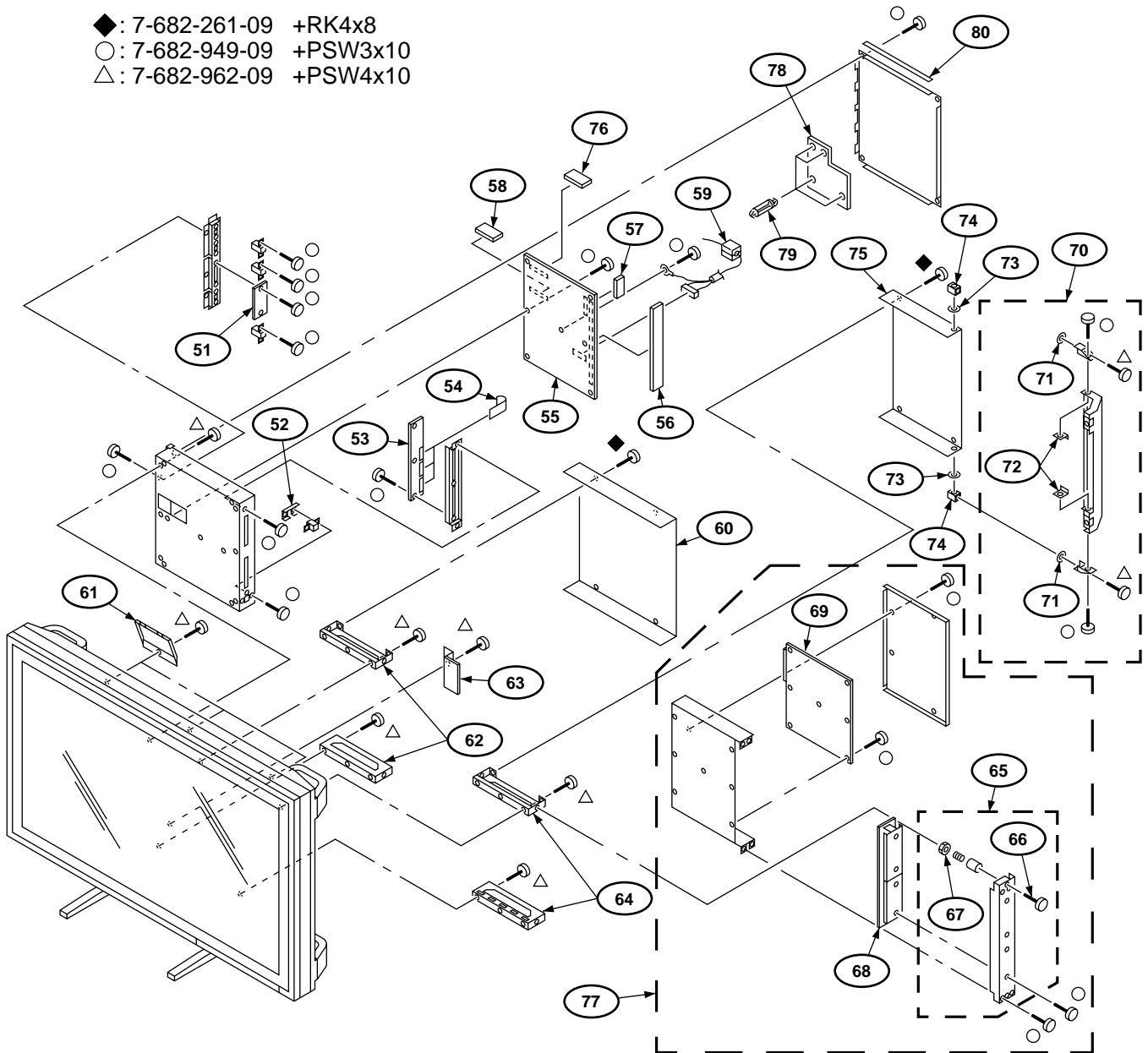
- | | | | |
|------------------|-----------|------------------|----------|
| ● : 7-685-648-79 | +BVTP3x12 | ◆ : 7-682-261-09 | +RK4x8 |
| ▲ : 7-682-950-09 | +PSW3x12 | ○ : 7-682-949-09 | +PSW3x10 |
| ▼ : 7-682-249-04 | +K3x10 | △ : 7-682-962-09 | +PSW4x10 |
| | | □ : 7-682-566-04 | +B4x20 |



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
1	4-052-200-01	HANDLE, PROTECTOR		12	* X-4035-835-2	BRACKET ASSY (A), REAR COVER	
2	2-990-241-02	HOLDER (A), PLUG		13	* X-4035-827-1	COVER ASSY, SIDE	14,15
3	* X-4036-671-3	PANEL ASSY, POWER UNIT	4	14	3-696-510-01	WASHER (3), STOPPER	
4	* 3-648-057-00	NUT (ISO-4), U		15	4-065-249-01	NUT, PLATE	
5	* A-1373-670-A	UA MOUNT		16	3-669-594-00	SPRING, COMPRESSION	
6	* A-1294-154-A	AF MOUNT		17	3-701-444-21	WASHER, 6	
7	3-625-620-00	BRACKET, AC CONNECTOR		18	4-065-239-01	NUT	
8	△ 1-540-178-21	INLET, AC (GL-2100C-30)		19	* X-4035-830-1	COVER (A) ASSY, REAR	
9	4-066-309-01	SCREW, MACHINE, (+) P M4X8		20	* 4-065-262-01	COVER, HAND HOLE	
10	* A-1311-825-A	G2 MOUNT		21	* A-1372-453-A	H6 MOUNT	
11	* 1-468-447-11	SWITCHING REGULATOR (APS-132 M BOARD)		22	1-543-653-11	CORE ASSY, BEAD (DIVISION TYPE)	
				23	* A-1484-597-A	POWER BLOCK ASSY	1-11,22

6-2. SC and I/O Blocks

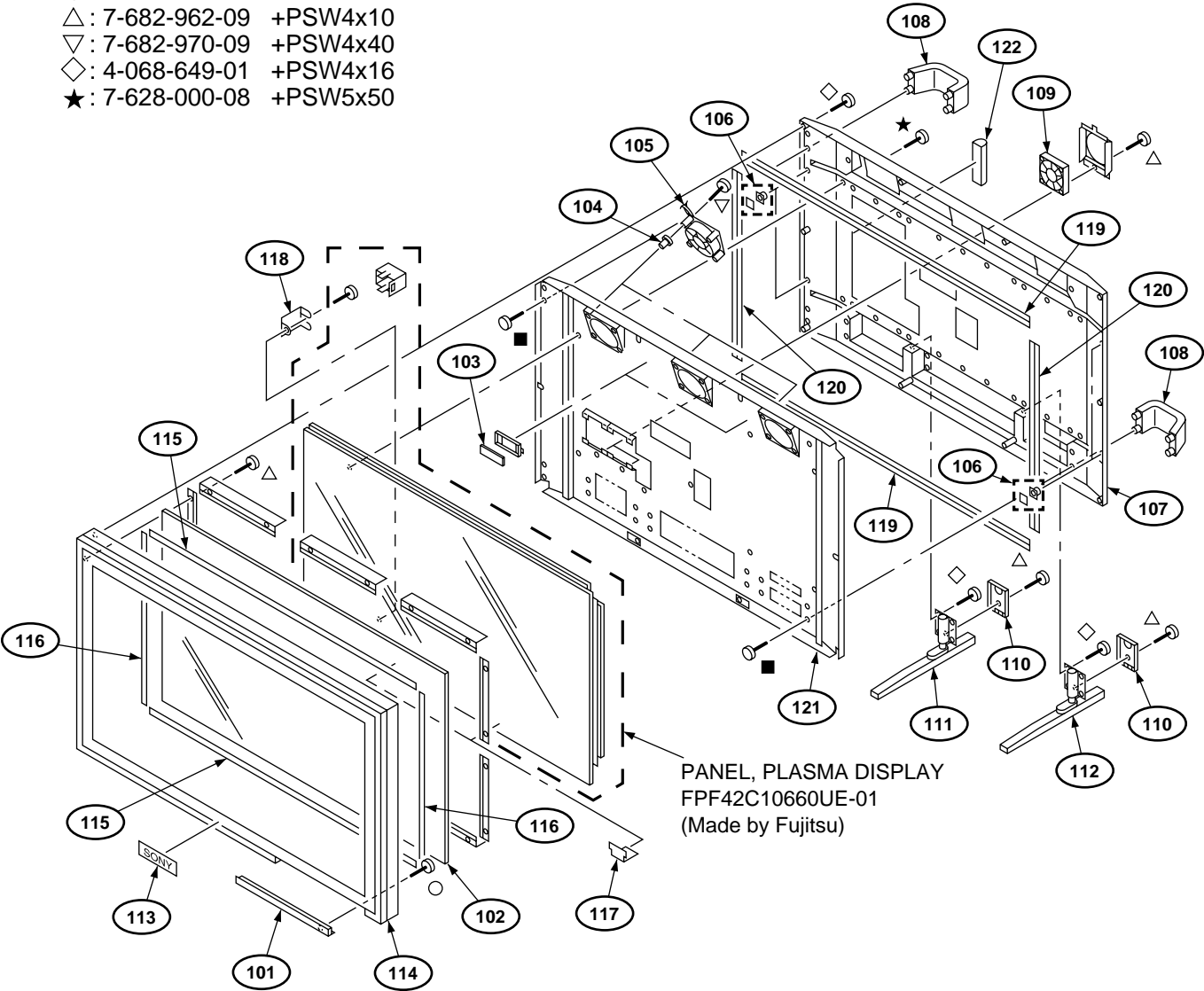
- ◆: 7-682-261-09 +RK4x8
 ○: 7-682-949-09 +PSW3x10
 △: 7-682-962-09 +PSW4x10



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
51	* A-1311-826-A	G1 MOUNT		66	* 4-050-804-01	SCREW, PANEL STOPPER	
52	4-065-253-01	NUT (A), PLATE		67	* 3-648-057-00	NUT (ISO-4), U	
53	* A-1372-454-A	H5 MOUNT		68	* A-1373-671-A	UJ MOUNT	
54	1-575-455-11	WIRE, FLAT TYPE (30 CORE)		69	* A-1372-455-A	H1 MOUNT	
55	* A-1131-501-A	B MOUNT		70	* X-4035-827-1	COVER ASSY, SIDE	71,72
56	* A-1372-452-A	H2 MOUNT		71	3-696-510-01	WASHER (3), STOPPER	
57	* A-1131-489-A	B1 MOUNT		72	4-065-249-01	NUT, PLATE	
58	* A-1294-135-A	AI MOUNT		73	3-701-444-21	WASHER, 6	
59	1-500-037-11	CORE, FERRITE (WITH CASE)		74	4-065-239-01	NUT	
60	* 4-065-283-01	COVER (B), REAR		75	* X-4035-830-1	COVER (A) ASSY, REAR	
61	* 4-067-117-01	COVER, FAN		76	* A-1373-737-A	YM MOUNT	
62	* X-4035-917-2	BRACKET ASSY (B), REAR COVER		77	* A-1482-929-A	I/O BLOCK ASSY	65-69
63	* A-1380-574-A	K MOUNT		78	* A-1131-502-A	BR MOUNT	
64	* X-4035-835-2	BRACKET ASSY (A), REAR COVER		79	* 4-385-948-01	HOLDER, PRINTED CIRCUIT BOARD	
65	* X-4035-837-3	PANEL ASSY, I/O UNIT	66,67	80	* 4-073-803-01	GASKET	

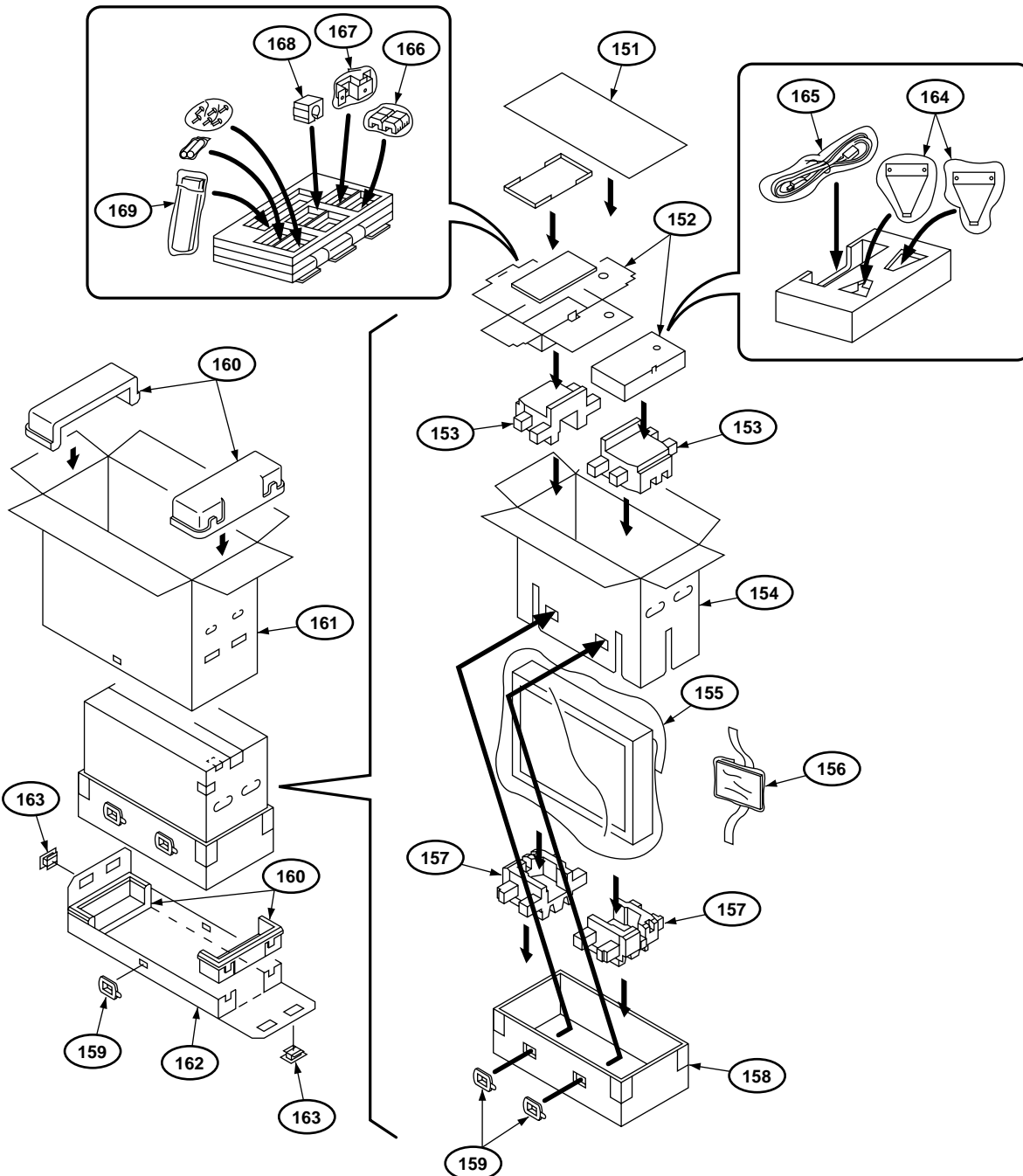
6-3. Cabinet Block

- : 7-682-973-49 +PSW5x16
- : 7-682-949-09 +PSW3x10
- △ : 7-682-962-09 +PSW4x10
- ▽ : 7-682-970-09 +PSW4x40
- ◇ : 4-068-649-01 +PSW4x16
- ★ : 7-628-000-08 +PSW5x50



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
101	1-475-914-12	BOARD UNIT, KEY		112	* X-4035-828-1	FOOT (R) ASSY	
102	* 1-758-411-11	GLASS, OPTICAL FILTER		113	* X-4036-360-1	EMBLEM ASSY	
103	* A-1390-878-A	S1 MOUNT		114	X-4035-913-2	BEZEL ASSY	
104	4-062-616-01	BUSHING, RUBBER		115	* 4-065-188-31	GASKET	
105	1-763-144-11	FAN, DC		116	* 4-065-188-21	GASKET	
106	X-4035-885-1	NUT ASSY, PLATE		117	* 4-070-356-01	PLATE, PROTECTION	
107	* X-4037-115-1	CABINET ASSY, REAR		118	* 4-070-357-01	PLATE, EARTH	
108	* 4-070-197-01	HANDLE		119	* 4-071-740-01	GASKET	
109	1-763-370-11	FAN, DC (WITH SENSOR)		120	* 4-071-739-01	GASKET	
110	* 4-065-296-01	COVER, FOOT		121	* X-4035-832-3	SHIELD ASSY, MAIN	
111	* X-4035-829-1	FOOT (L) ASSY		122	* 4-071-738-01	GASKET	

6-4. Packing Materials

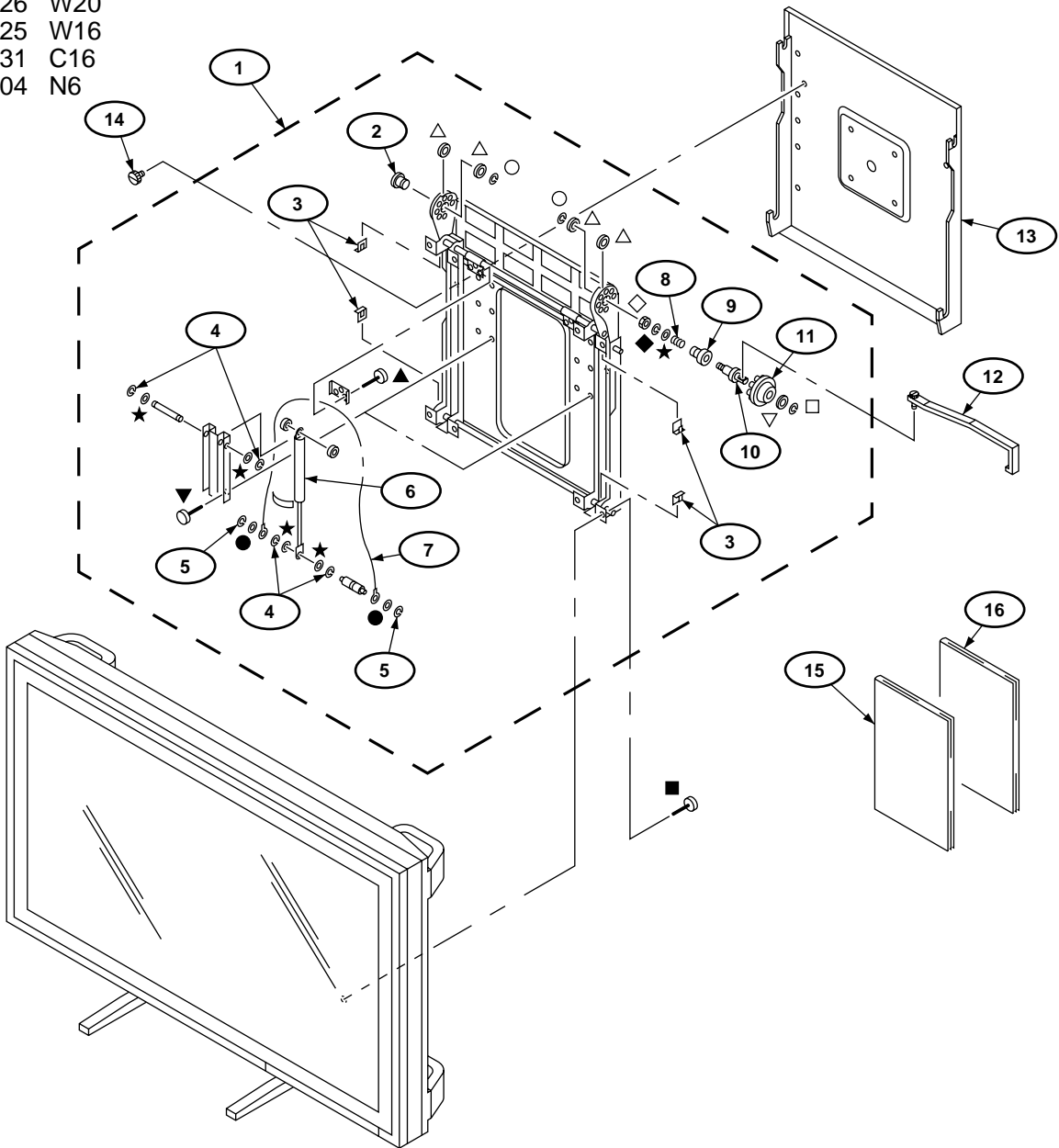


Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
151	* 4-066-055-01	BOARD, TOP		161	* 4-070-417-02	INDIVIDUAL CARTON (A)	
152	* 4-069-139-01	BOX, ACCESSORY		162	* 4-070-418-01	TRAY (A)	
153	* 4-069-133-01	CUSHION (UPPER) (ASSY)		163	* 4-396-077-01	JOINT	
154	* 4-070-492-02	INDIVIDUAL CARTON		164	* 4-072-155-01	REINFORCEMENT, FOOT	
155	* 4-073-433-01	BAG, PROTECTION		165	△ 1-558-527-11	CORD, POWER (125V/13A) [510A1WU]	
156	3-867-473-01	OPERATING INSTRUCTIONS (ENGLISH, FRENCH, GERMAN, SPANISH, ITALIAN, JAPANESE)		165	△ 1-590-151-11	CORD SET, POWER (250V/10A) [510A1WE]	
157	* 4-069-134-01	CUSHION (LOWER) (ASSY)		166	1-543-653-11	CORE ASSY, BEAD (DIVISION TYPE)	
158	* 4-065-581-01	TRAY		167	* 4-065-463-01	BRACKET, FOOT	
159	* 3-674-673-01	STOPPER (A)		168	2-990-242-01	HOLDER (B), PLUG [510A1WU]	
160	* 4-070-419-01	CUSHION (A)		168	* 3-613-640-01	HOLDER (C), PLUG [510A1WE]	
				169	1-475-089-11	REMOTE COMMANDER (RM-921)	
					9-900-029-01	BATTERY COVER (FOR RM-921)	

MB-514

6-5. MB-514

- : 7-688-005-02 W5
- ▲: 7-682-948-09 +PSW3x8
- ▼: 7-682-961-09 +PSW4x8
- : 7-682-973-49 +PSW5x16
- ◆: 7-623-213-22 SW6
- ★: 7-688-006-12 W6
- : 7-624-197-71 C20
- △: 7-688-000-26 W20
- ▽: 7-688-000-25 W16
- : 7-624-197-31 C16
- ◇: 7-684-026-04 N6



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
1	* X-4035-976-1	BRACKET ASSY, MOUNTING	2-11	11	* 4-066-361-01	BRACKET, LOCK	
2	* 4-066-350-01	SHAFT (B), FIXED		12	X-4035-975-1	HANDLE ASSY	
3	* 4-066-365-01	GUARD, EDGE		13	* X-4035-977-2	BRACKET ASSY, WALL	
4	3-618-078-00	RING, RETAINING, CE TYPE		14	4-066-358-02	KNOB	
5	3-638-493-02	RING, RETAINING, CE		15	3-864-657-03	OPERATING INSTRUCTIONS (ENGLISH, FRENCH, GERMAN, SPANISH, ITALIAN, JAPANESE)	
6	* 4-066-363-01	DAMPER, GAS		16	3-864-658-04	INSTALLATION MANUAL FOR DEALER (ENGLISH, JAPANESE)	
7	4-066-364-01	ROPE, WIRE					
8	* 4-066-351-01	SPRING, COMPRESSION					
9	* 4-066-349-02	SHAFT (A), FIXED					
10	* 4-066-362-01	PIN					

Section 7

Electrical Parts List

NOTE :

The components identified marked \triangle are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked “ * ” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.

RESISTORS

- All resistors are in ohms.
- F: nonflammable
- METAL: Metal-film resistor
- METAL OXIDE: Metal oxide-film resistor

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
	* A-1131-489-A	B1 MOUNT *****		R1002	1-216-681-11	METAL CHIP 18K	0.50% 1/10W
				R1003	1-216-663-11	METAL CHIP 3.3K	0.50% 1/10W
				R1004	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
				R1005	1-216-663-11	METAL CHIP 3.3K	0.50% 1/10W
		<CAPACITOR>		R1006	1-216-659-11	METAL CHIP 2.2K	0.50% 1/10W
C1001	1-126-933-11	ELECT 100 μ F	20% 16V	R1007	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
C1002	1-104-664-11	ELECT 47 μ F	20% 16V	R1008	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
C1003	1-163-229-11	CERAMIC CHIP 12pF	5% 50V	R1009	1-216-657-11	METAL CHIP 1.8K	0.50% 1/10W
C1004	1-163-231-11	CERAMIC CHIP 15pF	5% 50V	R1010	1-216-657-11	METAL CHIP 1.8K	0.50% 1/10W
C1005	1-164-489-11	CERAMIC CHIP 0.22 μ F	10% 16V				
C1006	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V	R1011	1-216-663-11	METAL CHIP 3.3K	0.50% 1/10W
C1007	1-104-664-11	ELECT 47 μ F	20% 16V	R1012	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
C1008	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V	R1013	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
C1009	1-104-664-11	ELECT 47 μ F	20% 16V	R1014	1-216-663-11	METAL CHIP 3.3K	0.50% 1/10W
		<CONNECTOR>		R1015	1-216-649-11	METAL CHIP 820	0.50% 1/10W
CN1001	1-774-551-11	CONNECTOR, BOARD TO BOARD 5P					
CN1002	1-774-551-11	CONNECTOR, BOARD TO BOARD 5P		R1016	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
				R1017	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
		<DELAY LINE>		R1018	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
DL1001	1-402-770-11	DELAY LINE		R1019	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
				R1020	1-216-679-11	METAL CHIP 15K	0.50% 1/10W
		<IC>					
IC1001	8-759-082-60	IC TC7S66FU		R1021	1-216-681-11	METAL CHIP 18K	0.50% 1/10W
				R1022	1-216-671-11	METAL CHIP 6.8K	0.50% 1/10W
		<TRANSISTOR>		R1023	1-216-659-11	METAL CHIP 2.2K	0.50% 1/10W
Q1001	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1024	1-216-653-11	METAL CHIP 1.2K	0.50% 1/10W
Q1002	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1025	1-216-683-11	METAL CHIP 22K	0.50% 1/10W
Q1003	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
Q1004	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R1026	1-216-683-11	METAL CHIP 22K	0.50% 1/10W
Q1005	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
Q1006	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
Q1007	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
Q1008	1-801-806-11	TRANSISTOR DTC144EKA-T146					
Q1009	1-801-806-11	TRANSISTOR DTC144EKA-T146					
		<RESISTOR>					
R1001	1-216-675-91	METAL CHIP 10K	0.50% 1/10W				

* A-1131-501-A B MOUNT

* 1-251-596-11 SOCKET, IC (QFP) 64P
* 1-526-652-21 SOCKET, IC (DP) 8P
4-623-699-01 SCREW (3X5)

<CAPACITOR>

C1	1-164-004-11	CERAMIC CHIP 0.1 μ F	10%	25V
C2	1-164-004-11	CERAMIC CHIP 0.1 μ F	10%	25V
C3	1-164-004-11	CERAMIC CHIP 0.1 μ F	10%	25V
C4	1-164-004-11	CERAMIC CHIP 0.1 μ F	10%	25V
C5	1-107-823-11	CERAMIC CHIP 0.47 μ F	10%	16V

C6	1-164-004-11	CERAMIC CHIP 0.1 μ F	10%	25V
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Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
C7	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C204	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C9	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C205	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C10	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C206	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C11	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C207	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C12	1-163-141-00	CERAMIC CHIP 0.001μF	5%	50V		C208	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C13	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C209	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C14	1-163-231-11	CERAMIC CHIP 15pF	5%	50V		C210	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C15	1-163-231-11	CERAMIC CHIP 15pF	5%	50V		C211	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C16	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C212	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C17	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C213	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C18	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C240	1-135-216-11	TANTAL. CHIP 10μF	20%	10V	
C19	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C241	1-135-216-11	TANTAL. CHIP 10μF	20%	10V	
C20	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C242	1-135-216-11	TANTAL. CHIP 10μF	20%	10V	
C21	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C248	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C22	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C249	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C23	1-163-237-11	CERAMIC CHIP 27pF	5%	50V		C250	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C25	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C251	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C26	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C252	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C29	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C253	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C31	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C254	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C37	1-164-161-11	CERAMIC CHIP 0.0022μF	10%	50V		C255	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C100	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C256	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C101	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C257	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C102	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C259	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C103	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C260	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C104	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C261	1-126-964-11	ELECT 10μF	20%	50V	
C105	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C301	1-163-229-11	CERAMIC CHIP 12pF	5%	50V	
C106	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C302	1-163-089-00	CERAMIC CHIP 6pF	0.5pF	50V	
C107	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C317	1-107-701-11	ELECT 47μF	20%	16V	
C108	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C318	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C109	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C319	1-107-701-11	ELECT 47μF	20%	16V	
C110	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C320	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C111	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C321	1-107-701-11	ELECT 47μF	20%	16V	
C112	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C322	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C113	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C329	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C140	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C330	1-163-239-11	CERAMIC CHIP 33pF	5%	50V	
C141	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C331	1-163-139-00	CERAMIC CHIP 820pF	5%	50V	
C142	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C332	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C150	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C333	1-163-127-00	CERAMIC CHIP 270pF	5%	50V	
C151	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C335	1-126-960-11	ELECT 1μF	20%	50V	
C152	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C336	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C153	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C337	1-109-889-11	ELECT 1μF	20%	50V	
C154	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C338	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C155	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C339	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C156	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C340	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C157	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C341	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C158	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C342	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C159	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C343	1-104-664-11	ELECT 47μF	20%	16V	
C160	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C344	1-104-664-11	ELECT 47μF	20%	16V	
C161	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C345	1-104-664-11	ELECT 47μF	20%	16V	
C162	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C346	1-126-960-11	ELECT 1μF	20%	50V	
C163	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C347	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C190	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C348	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C191	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C349	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C192	1-135-216-11	TANTAL. CHIP 10μF	20%	10V		C350	1-163-017-00	CERAMIC CHIP 0.0047μF	10%	50V	
C199	1-163-021-91	CERAMIC CHIP 0.01μF	10%	50V		C351	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C200	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C352	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C201	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C353	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	
C202	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C354	1-164-489-11	CERAMIC CHIP 0.22μF	10%	16V	
C203	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V		C355	1-164-004-11	CERAMIC CHIP 0.1μF	10%	25V	

Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
C356	1-126-934-11	ELECT	220μF	20%	16V	C525	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C357	1-126-960-11	ELECT	1μF	20%	50V	C526	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C358	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V	C527	1-126-934-11	ELECT	220μF	20%	16V
C359	1-126-963-11	ELECT	4.7μF	20%	50V	C528	1-126-933-11	ELECT	100μF	20%	16V
C361	1-163-227-11	CERAMIC CHIP	10pF	0.5pF	50V	C530	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C362	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V	C531	1-104-664-11	ELECT	47μF	20%	25V
C363	1-126-956-91	ELECT	0.1μF	20%	50V	C532	1-104-664-11	ELECT	47μF	20%	25V
C365	1-163-227-11	CERAMIC CHIP	10pF	0.5pF	50V	C533	1-126-960-11	ELECT	1μF	20%	50V
C366	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C534	1-164-344-11	CERAMIC CHIP	0.068μF	10%	25V
C367	1-164-489-11	CERAMIC CHIP	0.22μF	10%	16V	C535	1-126-964-11	ELECT	10μF	20%	50V
C371	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C536	1-163-017-00	CERAMIC CHIP	0.0047μF	10%	50V
C372	1-126-965-11	ELECT	22μF	20%	50V	C538	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C373	1-163-251-11	CERAMIC CHIP	100pF	5%	50V	C539	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C374	1-163-251-11	CERAMIC CHIP	100pF	5%	50V	C540	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C375	1-126-934-11	ELECT	220μF	20%	10V	C541	1-163-809-11	CERAMIC CHIP	0.047μF	10%	25V
C381	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V	C542	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C382	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V	C543	1-163-809-11	CERAMIC CHIP	0.047μF	10%	25V
C383	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C544	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C384	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C545	1-163-809-11	CERAMIC CHIP	0.047μF	10%	25V
C385	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C546	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C386	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C547	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C387	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C549	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C388	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C550	1-126-934-11	ELECT	220μF	20%	16V
C389	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C551	1-163-121-00	CERAMIC CHIP	150pF	5%	50V
C390	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C552	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C391	1-125-838-91	CERAMIC CHIP	2.2μF	10%	6.3V	C553	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C392	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C554	1-163-245-11	CERAMIC CHIP	56pF	5%	50V
C394	1-164-489-11	CERAMIC CHIP	0.22μF	10%	16V	C556	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C397	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C557	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C398	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C558	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C399	1-125-838-91	CERAMIC CHIP	2.2μF	10%	6.3V	C559	1-104-664-11	ELECT	47μF	20%	25V
C401	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C560	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C402	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C561	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C403	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C562	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C404	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C563	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C405	1-135-216-11	TANTAL. CHIP	10μF	20%	10V	C564	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C406	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C565	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C501	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C566	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C502	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C567	1-163-253-11	CERAMIC CHIP	120pF	5%	50V
C503	1-126-933-11	ELECT	100μF	20%	16V	C568	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C504	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C569	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C505	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C570	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C506	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C571	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C507	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C573	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C508	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C574	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C509	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C575	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C510	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C580	1-126-934-11	ELECT	220μF	20%	16V
C511	1-126-933-11	ELECT	100μF	20%	16V	C581	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C512	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C590	1-163-243-11	CERAMIC CHIP	47pF	5%	50V
C513	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C591	1-104-664-11	ELECT	47μF	20%	16V
C514	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C592	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C515	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C593	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C516	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C594	1-164-161-11	CERAMIC CHIP	0.0022μF	10%	50V
C517	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C595	1-163-017-00	CERAMIC CHIP	0.0047μF	10%	50V
C518	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C596	1-163-009-11	CERAMIC CHIP	0.001μF	10%	50V
C520	1-126-933-11	ELECT	100μF	20%	16V	C597	1-164-346-11	CERAMIC CHIP	1μF		16V
C521	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C598	1-163-023-00	CERAMIC CHIP	0.015μF	10%	50V
C522	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C600	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C523	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C601	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C524	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C602	1-104-664-11	ELECT	47μF	20%	25V

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C603	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C756	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V
C604	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C757	1-126-964-11	ELECT 10μF	20% 50V
C605	1-104-664-11	ELECT 47μF	20% 25V	C758	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V
C606	1-104-664-11	ELECT 47μF	20% 25V	C759	1-164-344-11	CERAMIC CHIP 0.068μF	10% 25V
C607	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C760	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V
C608	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C761	1-163-017-00	CERAMIC CHIP 0.0047μF	10% 50V
C609	1-104-664-11	ELECT 47μF	20% 16V	C762	1-126-960-11	ELECT 1μF	20% 50V
C610	1-126-934-11	ELECT 220μF	20% 10V	C764	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C611	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C765	1-126-934-11	ELECT 220μF	20% 16V
C612	1-104-664-11	ELECT 47μF	20% 16V	C781	1-163-009-11	CERAMIC CHIP 0.001μF	10% 50V
C613	1-104-664-11	ELECT 47μF	20% 16V	C803	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C614	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C804	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C615	1-107-716-11	ELECT 33μF	20% 16V	C805	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C616	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C806	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C618	1-163-251-11	CERAMIC CHIP 100pF	5% 50V	C807	1-126-934-11	ELECT 220μF	20% 10V
C619	1-163-251-11	CERAMIC CHIP 100pF	5% 50V	C808	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C620	1-104-664-11	ELECT 47μF	20% 16V	C809	1-126-934-11	ELECT 220μF	20% 10V
C701	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C810	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C702	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C811	1-126-934-11	ELECT 220μF	20% 10V
C703	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C812	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C704	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C813	1-126-934-11	ELECT 220μF	20% 16V
C705	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C814	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C706	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C815	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C707	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C816	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C708	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C817	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C709	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C818	1-126-934-11	ELECT 220μF	20% 16V
C710	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C819	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C711	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C820	1-126-934-11	ELECT 220μF	20% 16V
C712	1-126-933-11	ELECT 100μF	20% 16V	C821	1-126-934-11	ELECT 220μF	20% 16V
C713	1-126-933-11	ELECT 100μF	20% 16V	C822	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C714	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C823	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C715	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C824	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C716	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C825	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C717	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C826	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C718	1-126-934-11	ELECT 220μF	20% 16V	C827	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C719	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C828	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C720	1-104-664-11	ELECT 47μF	20% 16V	C829	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C721	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C830	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C722	1-104-664-11	ELECT 47μF	20% 16V	C831	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C728	1-104-653-11	ELECT 220μF	20% 16V	C832	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C729	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C833	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C730	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C834	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C731	1-126-934-11	ELECT 220μF	20% 16V	C835	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C732	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C836	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C733	1-126-934-11	ELECT 220μF	20% 16V	C837	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C734	1-104-664-11	ELECT 47μF	20% 16V	C1001	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C735	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1002	1-104-664-11	ELECT 47μF	20% 16V
C736	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1003	1-104-664-11	ELECT 47μF	20% 16V
C737	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1004	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C738	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1005	1-104-664-11	ELECT 47μF	20% 16V
C740	1-164-161-11	CERAMIC CHIP 0.0022μF	10% 50V	C1006	1-163-231-11	CERAMIC CHIP 15pF	5% 50V
C741	1-163-017-00	CERAMIC CHIP 0.0047μF	10% 50V	C1007	1-163-243-11	CERAMIC CHIP 47pF	5% 50V
C742	1-163-009-11	CERAMIC CHIP 0.001μF	10% 50V	C1008	1-163-253-11	CERAMIC CHIP 120pF	5% 50V
C743	1-164-346-11	CERAMIC CHIP 1μF	16V	C1009	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C744	1-163-023-00	CERAMIC CHIP 0.015μF	10% 50V	C1010	1-126-964-11	ELECT 10μF	20% 50V
C750	1-163-251-11	CERAMIC CHIP 100pF	5% 50V	C1011	1-107-698-11	ELECT 10μF	20% 25V
C751	1-104-664-11	ELECT 47μF	20% 16V	C1012	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C752	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V	C1013	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C753	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V	C1014	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C755	1-163-131-00	CERAMIC CHIP 390pF	10% 50V	C1015	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C1016	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1077	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1017	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1078	1-126-961-11	ELECT 2.2μF	20% 50V
C1018	1-104-665-11	ELECT 100μF	20% 10V	C1079	1-126-960-11	ELECT 1μF	20% 50V
C1019	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1080	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1020	1-104-664-11	ELECT 47μF	20% 16V	C1081	1-104-664-11	ELECT 47μF	20% 16V
C1021	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1082	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C1023	1-104-664-11	ELECT 47μF	20% 16V	C1083	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C1024	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1084	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C1025	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1085	1-126-959-11	ELECT 0.47μF	20% 50V
C1026	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1086	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1027	1-164-346-11	CERAMIC CHIP 1μF	16V	C1087	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1028	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1088	1-126-963-11	ELECT 4.7μF	20% 50V
C1029	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1090	1-163-227-11	CERAMIC CHIP 10pF	0.5pF 50V
C1030	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1091	1-163-227-11	CERAMIC CHIP 10pF	0.5pF 50V
C1031	1-104-664-11	ELECT 47μF	20% 16V	C1092	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1032	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1093	1-104-664-11	ELECT 47μF	20% 16V
C1033	1-104-664-11	ELECT 47μF	20% 16V	C1094	1-163-243-11	CERAMIC CHIP 47pF	5% 50V
C1034	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1095	1-163-113-00	CERAMIC CHIP 68pF	5% 50V
C1035	1-163-009-11	CERAMIC CHIP 0.001μF	10% 50V	C1096	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1036	1-104-664-11	ELECT 47μF	20% 16V	C1097	1-104-664-11	ELECT 47μF	20% 16V
C1037	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1098	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1038	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C1099	1-104-664-11	ELECT 47μF	20% 16V
C1039	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C1100	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1040	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1101	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C1041	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1102	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C1042	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1103	1-163-259-91	CERAMIC CHIP 220pF	5% 50V
C1043	1-104-664-11	ELECT 47μF	20% 16V	C1104	1-163-145-00	CERAMIC CHIP 0.0015μF	5% 50V
C1044	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C1105	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C1045	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1106	1-126-963-11	ELECT 4.7μF	20% 50V
C1046	1-104-664-11	ELECT 47μF	20% 16V	C1107	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1047	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1108	1-104-664-11	ELECT 47μF	20% 16V
C1048	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C1109	1-163-275-11	CERAMIC CHIP 0.001μF	5% 50V
C1049	1-126-933-11	ELECT 100μF	20% 16V	C1110	1-164-690-91	CERAMIC CHIP 0.0022μF	5% 50V
C1050	1-163-091-00	CERAMIC CHIP 8pF	0.25pF 50V	C1111	1-164-690-91	CERAMIC CHIP 0.0022μF	5% 50V
C1051	1-104-664-11	ELECT 47μF	20% 16V	C1150	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1052	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1151	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1053	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1152	1-107-716-11	ELECT 33μF	20% 16V
C1054	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1153	1-104-664-11	ELECT 47μF	20% 16V
C1055	1-104-664-11	ELECT 47μF	20% 16V	C1154	1-126-934-11	ELECT 220μF	20% 16V
C1056	1-126-933-11	ELECT 100μF	20% 16V	C1155	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1057	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C1156	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
C1058	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	<CONNECTOR>			
C1059	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	CN1	1-774-532-11	CONNECTOR, BOARD TO BOARD 15P	
C1060	1-164-346-11	CERAMIC CHIP 1μF	16V	CN2	1-774-531-11	CONNECTOR, BOARD TO BOARD 10P	
C1061	1-126-960-11	ELECT 1μF	20% 50V	CN3	1-506-469-11	PIN, CONNECTOR 4P	
C1062	1-104-664-11	ELECT 47μF	20% 16V	CN4	* 1-564-005-11	PIN, CONNECTOR 6P	
C1063	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	CN6	1-506-476-11	PIN, CONNECTOR 11P	
C1064	1-163-241-11	CERAMIC CHIP 39pF	5% 50V	CN8	1-506-469-11	PIN, CONNECTOR 4P	
C1065	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	CN9	1-506-480-11	PIN, CONNECTOR 15P	
C1066	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	CN10	1-774-530-11	CONNECTOR, BOARD TO BOARD 5P	
C1067	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	CN11	1-774-530-11	CONNECTOR, BOARD TO BOARD 5P	
C1068	1-104-664-11	ELECT 47μF	20% 16V	CN12	1-774-532-11	CONNECTOR, BOARD TO BOARD 15P	
C1069	1-104-664-11	ELECT 47μF	20% 16V	CN13	1-774-532-11	CONNECTOR, BOARD TO BOARD 15P	
C1070	1-163-231-11	CERAMIC CHIP 15pF	5% 50V	CN14	1-774-532-11	CONNECTOR, BOARD TO BOARD 15P	
C1071	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	CN15	* 1-793-268-11	HEADER, CONNECTOR(PC BOARD) 80	
C1072	1-126-964-11	ELECT 10μF	20% 50V	CN16	1-774-531-11	CONNECTOR, BOARD TO BOARD 10P	
C1073	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	CN17	1-774-531-11	CONNECTOR, BOARD TO BOARD 10P	
C1074	1-163-231-11	CERAMIC CHIP 15pF	5% 50V				
C1075	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V				
C1076	1-126-964-11	ELECT 10μF	20% 50V	CN18	1-774-531-11	CONNECTOR, BOARD TO BOARD 10P	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
CN19	1-774-531-11	CONNECTOR, BOARD TO BOARD 10P		D701	8-719-073-01	DIODE MA111-(K8).SO	
CN20	1-506-469-11	PIN, CONNECTOR 4P		D777	8-719-158-49	DIODE RD12SB2	
CN21	* 1-564-009-11	PIN, CONNECTOR 10P		D778	8-719-158-49	DIODE RD12SB2	
				D1001	8-719-988-61	DIODE 1SS355TE-17	
				D1002	8-719-988-61	DIODE 1SS355TE-17	
		<DIODE>					
D1	8-719-033-86	DIODE CL-170D-CD-T				<FERRITE BEAD>	
D16	8-719-158-49	DIODE RD12SB2					
D19	8-719-158-49	DIODE RD12SB2		FB1	1-414-234-22	INDUCTOR CHIP	
D20	8-719-158-49	DIODE RD12SB2		FB2	1-414-234-22	INDUCTOR CHIP	
D21	8-719-158-49	DIODE RD12SB2		FB3	1-414-234-22	INDUCTOR CHIP	
				FB4	1-414-234-22	INDUCTOR CHIP	
D22	8-719-158-49	DIODE RD12SB2		FB5	1-414-234-22	INDUCTOR CHIP	
D23	8-719-158-49	DIODE RD12SB2					
D24	8-719-158-49	DIODE RD12SB2		FB6	1-414-234-22	INDUCTOR CHIP	
D203	8-719-073-01	DIODE MA111-(K8).SO		FB16	1-414-234-22	INDUCTOR CHIP	
D204	8-719-073-01	DIODE MA111-(K8).SO		FB17	1-414-234-22	INDUCTOR CHIP	
				FB18	1-414-234-22	INDUCTOR CHIP	
D205	8-719-073-01	DIODE MA111-(K8).SO		FB19	1-414-234-22	INDUCTOR CHIP	
D322	8-719-800-76	DIODE 1SS226					
D324	8-719-800-76	DIODE 1SS226				<FILTER>	
D326	8-719-800-76	DIODE 1SS226					
D331	8-719-073-01	DIODE MA111-(K8).SO		FL501	1-234-359-11	FILTER, LOW PASS	
				FL502	1-234-358-11	FILTER, LOW PASS	
D332	8-719-800-76	DIODE 1SS226		FL503	1-233-584-11	FILTER, LOW PASS	
D334	8-719-800-76	DIODE 1SS226		FL504	1-234-144-11	FILTER, LOW PASS	
D336	8-719-800-76	DIODE 1SS226		FL505	1-233-582-11	FILTER, LOW PASS	
D341	8-719-073-01	DIODE MA111-(K8).SO					
D501	8-719-421-40	DIODE MA77		FL506	1-233-581-11	FILTER, LOW PASS	
				FL507	1-234-359-11	FILTER, LOW PASS	
D502	8-719-421-40	DIODE MA77		FL508	1-234-358-11	FILTER, LOW PASS	
D503	8-719-421-40	DIODE MA77		FL509	1-233-584-11	FILTER, LOW PASS	
D504	8-719-421-40	DIODE MA77		FL510	1-234-144-11	FILTER, LOW PASS	
D505	8-719-421-40	DIODE MA77					
D506	8-719-421-40	DIODE MA77		FL511	1-233-582-11	FILTER, LOW PASS	
				FL512	1-233-581-11	FILTER, LOW PASS	
D508	8-719-800-76	DIODE 1SS226		FL513	1-234-359-11	FILTER, LOW PASS	
D510	8-719-800-76	DIODE 1SS226		FL514	1-234-358-11	FILTER, LOW PASS	
D512	8-719-800-76	DIODE 1SS226		FL515	1-233-584-11	FILTER, LOW PASS	
D514	8-719-800-76	DIODE 1SS226					
D516	8-719-800-76	DIODE 1SS226		FL516	1-234-144-11	FILTER, LOW PASS	
				FL517	1-233-582-11	FILTER, LOW PASS	
D518	8-719-800-76	DIODE 1SS226		FL518	1-233-581-11	FILTER, LOW PASS	
D520	8-719-421-40	DIODE MA77		FL1001	1-239-384-11	FILTER, EMI	
D521	8-719-421-40	DIODE MA77		FL1002	1-543-775-11	FERRITE	
D522	8-719-421-40	DIODE MA77					
D523	8-719-421-40	DIODE MA77		FL1003	1-543-775-11	FERRITE	
				FL1007	1-414-234-22	INDUCTOR CHIP	
D524	8-719-421-40	DIODE MA77		FL1008	1-414-234-22	INDUCTOR CHIP	
D526	8-719-800-76	DIODE 1SS226		FL1009	1-543-775-11	FERRITE	
D528	8-719-800-76	DIODE 1SS226		FL1010	1-543-775-11	FERRITE	
D530	8-719-800-76	DIODE 1SS226					
D532	8-719-800-76	DIODE 1SS226		FL1011	1-543-775-11	FERRITE	
				FL1012	1-239-847-11	FILTER, LOW PASS	
D534	8-719-800-76	DIODE 1SS226		FL1013	1-239-384-11	FILTER, EMI	
D536	8-719-800-76	DIODE 1SS226		FL1014	1-239-384-11	FILTER, EMI	
D537	8-719-421-40	DIODE MA77		FL1015	1-239-847-11	FILTER, LOW PASS	
D538	8-719-421-40	DIODE MA77					
D539	8-719-421-40	DIODE MA77		FL1016	1-239-847-11	FILTER, LOW PASS	
				FL1017	1-543-775-11	FERRITE	
D540	8-719-421-40	DIODE MA77					
D541	8-719-421-40	DIODE MA77				<IC>	
D542	8-719-421-40	DIODE MA77					
D544	8-719-800-76	DIODE 1SS226		IC100	8-759-175-27	IC TC74VHC574F	
D546	8-719-800-76	DIODE 1SS226		IC101	8-759-575-40	IC M66258FP-E2	
				IC102	8-759-575-40	IC M66258FP-E2	
D548	8-719-800-76	DIODE 1SS226		IC103	8-759-179-94	IC HM530281-20	
D550	8-719-800-76	DIODE 1SS226		IC104	8-759-179-94	IC HM530281-20	
D552	8-719-800-76	DIODE 1SS226					
D554	8-719-800-76	DIODE 1SS226					
D555	8-719-421-40	DIODE MA77					

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
IC105	8-759-179-94	IC HM530281-20		IC321	8-759-372-18	IC μ PC1830GT-E2	
IC106	8-759-179-94	IC HM530281-20		IC330	8-759-082-61	IC TC4W53FU	
IC107	8-752-375-92	IC CXD303-105Q		IC331	8-759-082-61	IC TC4W53FU	
IC108	8-759-175-27	IC TC74VHC574F		IC501	8-759-011-63	IC MC74HC4051F	
IC150	8-759-175-27	IC TC74VHC574F		IC502	8-759-635-27	IC M62352GP-75E	
IC151	8-759-575-40	IC M66258FP-E2		IC503	8-759-637-31	IC M52036SP	
IC152	8-759-575-40	IC M66258FP-E2		IC505	8-752-070-09	IC CXA1779P	
IC153	8-759-179-94	IC HM530281-20		IC508	8-759-032-11	IC MC74HC04AF	
IC154	8-759-179-94	IC HM530281-20		IC509	8-759-198-31	IC μ PC1093J-1-T	
IC155	8-759-179-94	IC HM530281-20		IC510	8-759-198-31	IC μ PC1093J-1-T	
IC156	8-759-179-94	IC HM530281-20		IC511	8-752-371-18	IC CXD2302Q-T4	
IC157	8-752-375-92	IC CXD303-105Q		IC512	8-752-371-18	IC CXD2302Q-T4	
IC158	8-759-175-27	IC TC74VHC574F		IC513	8-752-371-18	IC CXD2302Q-T4	
IC200	8-759-175-27	IC TC74VHC574F		IC521	8-759-082-61	IC TC4W53FU	
IC201	8-759-575-40	IC M66258FP-E2		IC522	8-759-008-45	IC MC74HC4538F	
IC202	8-759-575-40	IC M66258FP-E2		IC523	8-759-058-62	IC TC7S08FU (TE85R)	
IC203	8-759-179-94	IC HM530281-20		IC525	8-759-635-27	IC M62352GP-75E	
IC204	8-759-179-94	IC HM530281-20		IC526	8-759-082-61	IC TC4W53FU	
IC205	8-759-179-94	IC HM530281-20		IC527	8-759-082-61	IC TC4W53FU	
IC206	8-759-179-94	IC HM530281-20		IC528	8-759-082-61	IC TC4W53FU	
IC207	8-752-375-92	IC CXD303-105Q		IC529	8-759-058-62	IC TC7S08FU (TE85R)	
IC208	8-759-175-27	IC TC74VHC574F		IC530	8-759-083-94	IC TC7W74FU	
IC250	8-752-377-98	IC CXD305-114Q		IC702	8-759-596-72	IC EPC1PC8-9683V1.00	
IC251	8-759-595-54	IC MSM27C802CZ-HD1GS-KDR1		IC703	8-759-186-63	IC TC74VHC245F	
IC252	8-759-595-55	IC HD6473257F10-HDPFM1		IC704	8-759-186-63	IC TC74VHC245F	
IC253	8-759-162-80	IC MM1170BFB		IC705	8-759-186-63	IC TC74VHC245F	
IC254	8-759-080-93	IC M6M80041FP		IC706	8-759-186-63	IC TC74VHC245F	
IC255	8-759-080-93	IC M6M80041FP		IC707	8-759-186-63	IC TC74VHC245F	
IC256	8-759-080-93	IC M6M80041FP		IC709	8-759-599-99	IC MB90096PF-G-182-BND-ER	
IC258	8-759-252-59	IC MAX202CSE		IC712	8-759-390-38	IC μ PC24M12AHF	
IC259	8-759-926-48	IC SN74HC244ANS		IC713	8-759-144-82	IC μ PC2405HF	
IC260	8-759-926-48	IC SN74HC244ANS		IC714	8-759-144-82	IC μ PC2405HF	
IC261	8-759-926-48	IC SN74HC244ANS		IC720	8-759-637-31	IC M52036SP	
IC262	8-759-926-48	IC SN74HC244ANS		IC721	8-759-058-62	IC TC7S08FU (TE85R)	
IC263	8-759-925-76	IC SN74HC08ANS		IC722	8-759-083-94	IC TC7W74FU	
IC264	8-759-362-35	IC ICS9161A-01CW16T		IC777	8-759-442-20	IC 24LC21AT/SN	
IC265	8-759-364-08	IC KS6369-20AP		IC1001	8-752-372-78	IC CXD2024AQ	
IC266	8-759-032-32	IC MC74HC132AF		IC1002	8-759-296-51	IC μ PD6486GF-3BA	
IC267	8-759-373-60	IC SN74ABT540NS-E05		IC1003	8-759-161-24	IC μ PC659AGS-E2	
IC268	8-759-373-60	IC SN74ABT540NS-E05		IC1004	8-759-329-06	IC μ PD42280GU-30-E2	
IC269	8-759-925-05	IC LM2903PS		IC1005	8-759-329-06	IC μ PD42280GU-30-E2	
IC270	8-759-186-39	IC TC74VHC74F		IC1006	8-759-446-66	IC MM1113XFBE	
IC271	8-759-186-51	IC TC74VHC157F		IC1007	8-759-446-66	IC MM1113XFBE	
IC273	8-759-926-48	IC SN74HC244ANS		IC1008	8-759-011-65	IC MC74HC4053F	
IC275	8-759-477-25	IC SN74ABT574ANSR		IC1009	8-759-296-53	IC μ PC1862GS-E2	
IC276	8-759-477-25	IC SN74ABT574ANSR		IC1010	8-759-209-57	IC TC4S69F (TE85R)	
IC277	8-759-477-25	IC SN74ABT574ANSR		IC1011	8-752-053-21	IC CXA1211M	
IC278	8-759-373-60	IC SN74ABT540NS-E05		IC1012	8-759-277-63	IC TC7W14FU (TE12R)	
IC280	8-759-186-51	IC TC74VHC157F		<CHIP CONDUCTOR>			
IC288	8-759-058-62	IC TC7S08FU (TE85R)		JR701	1-216-295-91	SHORT	0
IC300	8-752-053-21	IC CXA1211M		JR702	1-216-295-91	SHORT	0
IC301	8-752-053-21	IC CXA1211M		<COIL>			
IC302	8-759-011-65	IC MC74HC4053F		L302	1-410-193-51	INDUCTOR CHIP	1.2 μ H
IC303	8-759-011-65	IC MC74HC4053F		L501	1-410-471-11	INDUCTOR	12 μ H
IC304	8-759-635-27	IC M62352GP-75E		L504	1-410-471-11	INDUCTOR	12 μ H
IC305	8-759-565-20	IC TDA4665T/V5-118		L506	1-410-471-11	INDUCTOR	12 μ H
IC306	8-759-082-61	IC TC4W53FU		L1001	1-414-042-21	INDUCTOR	18 μ H
IC317	8-759-011-64	IC MC74HC4052F					
IC318	8-759-032-11	IC MC74HC04AF					
IC319	8-759-360-07	IC BA7657F-E2					

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
L1006	1-410-193-51	INDUCTOR CHIP	1.2μH	Q517	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1007	1-410-193-51	INDUCTOR CHIP	1.2μH	Q518	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
L1008	1-410-193-51	INDUCTOR CHIP	1.2μH	Q519	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
L1009	1-410-193-51	INDUCTOR CHIP	1.2μH	Q520	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
L1010	1-410-193-51	INDUCTOR CHIP	1.2μH	Q521	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
L1011	1-410-193-51	INDUCTOR CHIP	1.2μH	Q522	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
L1012	1-410-193-51	INDUCTOR CHIP	1.2μH	Q523	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
L1013	1-410-193-51	INDUCTOR CHIP	1.2μH	Q524	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
L1014	1-410-193-51	INDUCTOR CHIP	1.2μH	Q525	8-729-027-46	TRANSISTOR DTC114YKA-T146	
L1015	1-410-193-51	INDUCTOR CHIP	1.2μH	Q526	8-729-027-46	TRANSISTOR DTC114YKA-T146	
L1016	1-410-193-51	INDUCTOR CHIP	1.2μH	Q527	8-729-027-46	TRANSISTOR DTC114YKA-T146	
L1017	1-410-204-31	INDUCTOR CHIP	10μH	Q528	8-729-027-46	TRANSISTOR DTC114YKA-T146	
	<TRANSISTOR>			Q529	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q1	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q530	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q201	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q531	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q202	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q532	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q203	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q533	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q215	8-729-027-38	TRANSISTOR DTA144EKA-T146		Q534	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q307	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q535	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q310	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q536	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q311	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q537	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q315	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q538	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q316	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q539	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q317	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q540	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q320	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q541	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q321	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q542	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q322	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q543	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q323	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q544	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q324	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q545	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q325	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q546	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q326	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q547	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q327	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q548	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q328	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q549	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q329	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q550	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q330	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q551	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q351	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q552	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q352	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q553	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q354	8-729-027-31	TRANSISTOR DTA124EKA-T146		Q554	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q355	8-729-216-22	TRANSISTOR 2SA1162-G		Q555	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q356	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q556	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q357	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q557	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q358	1-801-806-11	TRANSISTOR DTC144EKA-T146		Q558	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q501	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q559	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q502	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q560	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q503	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q561	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q504	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q562	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q505	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q563	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q506	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q564	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q507	8-729-027-46	TRANSISTOR DTC114YKA-T146		Q565	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q508	8-729-027-46	TRANSISTOR DTC114YKA-T146		Q566	8-729-027-46	TRANSISTOR DTC114YKA-T146	
Q509	8-729-027-46	TRANSISTOR DTC114YKA-T146		Q567	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q510	8-729-027-46	TRANSISTOR DTC114YKA-T146		Q568	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q511	8-729-027-46	TRANSISTOR DTC114YKA-T146		Q569	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q512	8-729-027-46	TRANSISTOR DTC114YKA-T146		Q570	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q513	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q571	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q514	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q572	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q515	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q573	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q516	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		Q574	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
				Q575	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
				Q576	8-729-120-28	TRANSISTOR 2SC1623-L5L6	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
Q577	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q1019	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q578	8-729-120-28	TRANSISTOR 2SC1623-L5L6		Q1020	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q579	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
Q580	8-729-120-28	TRANSISTOR 2SC1623-L5L6					
Q581	8-729-027-46	TRANSISTOR DTC114YKA-T146				<RESISTOR>	
Q582	8-729-027-46	TRANSISTOR DTC114YKA-T146		R8	1-216-073-00	RES,CHIP 10K 5%	1/10W
Q583	8-729-027-46	TRANSISTOR DTC114YKA-T146		R9	1-216-073-00	RES,CHIP 10K 5%	1/10W
Q584	8-729-027-46	TRANSISTOR DTC114YKA-T146		R10	1-216-073-00	RES,CHIP 10K 5%	1/10W
Q585	8-729-027-46	TRANSISTOR DTC114YKA-T146		R20	1-216-049-91	RES,CHIP 1K 5%	1/10W
Q586	8-729-027-46	TRANSISTOR DTC114YKA-T146		R21	1-216-089-91	RES,CHIP 47K 5%	1/10W
Q587	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R22	1-216-025-91	RES,CHIP 100 5%	1/10W
Q588	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R26	1-216-073-00	RES,CHIP 10K 5%	1/10W
Q589	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R41	1-216-065-91	RES,CHIP 4.7K 5%	1/10W
Q590	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R42	1-216-041-00	RES,CHIP 470 5%	1/10W
Q591	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R68	1-216-025-91	RES,CHIP 100 5%	1/10W
Q592	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R79	1-216-073-00	RES,CHIP 10K 5%	1/10W
Q593	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R80	1-216-025-91	RES,CHIP 100 5%	1/10W
Q594	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R84	1-216-659-11	METAL CHIP 2.2K 0.50%	1/10W
Q595	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R89	1-216-013-00	RES,CHIP 33 5%	1/10W
Q596	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R90	1-216-073-00	RES,CHIP 10K 5%	1/10W
Q597	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R98	1-216-073-00	RES,CHIP 10K 5%	1/10W
Q598	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R101	1-216-023-00	RES,CHIP 82 5%	1/10W
Q599	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R102	1-216-023-00	RES,CHIP 82 5%	1/10W
Q600	8-729-027-46	TRANSISTOR DTC114YKA-T146		R103	1-216-021-00	RES,CHIP 68 5%	1/10W
Q601	8-729-027-46	TRANSISTOR DTC114YKA-T146		R104	1-216-013-00	RES,CHIP 33 5%	1/10W
Q602	8-729-027-46	TRANSISTOR DTC114YKA-T146		R105	1-216-013-00	RES,CHIP 33 5%	1/10W
Q603	8-729-027-46	TRANSISTOR DTC114YKA-T146		R106	1-216-021-00	RES,CHIP 68 5%	1/10W
Q604	8-729-027-46	TRANSISTOR DTC114YKA-T146		R108	1-216-013-00	RES,CHIP 33 5%	1/10W
Q605	8-729-027-46	TRANSISTOR DTC114YKA-T146		R109	1-216-013-00	RES,CHIP 33 5%	1/10W
Q606	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R110	1-216-017-91	RES,CHIP 47 5%	1/10W
Q607	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R111	1-216-017-91	RES,CHIP 47 5%	1/10W
Q608	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R112	1-216-009-91	RES,CHIP 22 5%	1/10W
Q609	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R113	1-216-013-00	RES,CHIP 33 5%	1/10W
Q610	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R114	1-216-013-00	RES,CHIP 33 5%	1/10W
Q611	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R115	1-216-013-00	RES,CHIP 33 5%	1/10W
Q612	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R116	1-216-013-00	RES,CHIP 33 5%	1/10W
Q613	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R117	1-216-023-00	RES,CHIP 82 5%	1/10W
Q614	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R118	1-216-013-00	RES,CHIP 33 5%	1/10W
Q615	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R119	1-216-013-00	RES,CHIP 33 5%	1/10W
Q701	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R120	1-216-013-00	RES,CHIP 33 5%	1/10W
Q702	1-801-806-11	TRANSISTOR DTC144EKA-T146		R121	1-216-013-00	RES,CHIP 33 5%	1/10W
Q703	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R122	1-216-023-00	RES,CHIP 82 5%	1/10W
Q704	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R123	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1001	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R124	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1002	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R125	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1003	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R126	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1004	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R127	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1005	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R128	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1006	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R129	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1007	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R130	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1008	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R132	1-216-023-00	RES,CHIP 82 5%	1/10W
Q1009	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R133	1-216-021-00	RES,CHIP 68 5%	1/10W
Q1010	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R135	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1011	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R136	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1012	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R137	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1013	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R138	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1014	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R139	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1015	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R141	1-216-023-00	RES,CHIP 82 5%	1/10W
Q1016	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R142	1-216-009-91	RES,CHIP 22 5%	1/10W
Q1018	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R143	1-216-009-91	RES,CHIP 22 5%	1/10W

Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
R144	1-216-009-91	RES,CHIP	22	5%	1/10W	R225	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R145	1-216-009-91	RES,CHIP	22	5%	1/10W	R226	1-216-681-11	METAL CHIP	18K	0.50%	1/10W
R146	1-216-009-91	RES,CHIP	22	5%	1/10W	R228	1-216-031-00	RES,CHIP	180	5%	1/10W
R148	1-216-021-00	RES,CHIP	68	5%	1/10W	R229	1-216-685-11	METAL CHIP	27K	0.50%	1/10W
R149	1-216-009-91	RES,CHIP	22	5%	1/10W	R232	1-216-089-91	RES,CHIP	47K	5%	1/10W
R150	1-216-009-91	RES,CHIP	22	5%	1/10W	R233	1-216-073-00	RES,CHIP	10K	5%	1/10W
R151	1-216-009-91	RES,CHIP	22	5%	1/10W	R234	1-216-073-00	RES,CHIP	10K	5%	1/10W
R153	1-216-025-91	RES,CHIP	100	5%	1/10W	R235	1-216-089-91	RES,CHIP	47K	5%	1/10W
R154	1-216-009-91	RES,CHIP	22	5%	1/10W	R239	1-216-025-91	RES,CHIP	100	5%	1/10W
R156	1-216-021-00	RES,CHIP	68	5%	1/10W	R240	1-216-295-91	SHORT	0		
R160	1-216-013-00	RES,CHIP	33	5%	1/10W	R241	1-216-295-91	SHORT	0		
R161	1-216-013-00	RES,CHIP	33	5%	1/10W	R242	1-216-295-91	SHORT	0		
R162	1-216-013-00	RES,CHIP	33	5%	1/10W	R243	1-216-660-11	METAL CHIP	2.4K	0.50%	1/10W
R163	1-216-013-00	RES,CHIP	33	5%	1/10W	R244	1-216-660-11	METAL CHIP	2.4K	0.50%	1/10W
R164	1-216-013-00	RES,CHIP	33	5%	1/10W	R245	1-216-037-00	RES,CHIP	330	5%	1/10W
R165	1-216-013-00	RES,CHIP	33	5%	1/10W	R246	1-216-295-91	SHORT	0		
R166	1-216-009-91	RES,CHIP	22	5%	1/10W	R247	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R167	1-216-009-91	RES,CHIP	22	5%	1/10W	R248	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R168	1-216-009-91	RES,CHIP	22	5%	1/10W	R249	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R169	1-216-009-91	RES,CHIP	22	5%	1/10W	R250	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R170	1-216-023-00	RES,CHIP	82	5%	1/10W	R251	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R171	1-216-023-00	RES,CHIP	82	5%	1/10W	R252	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R173	1-216-073-00	RES,CHIP	10K	5%	1/10W	R253	1-216-037-00	RES,CHIP	330	5%	1/10W
R177	1-216-073-00	RES,CHIP	10K	5%	1/10W	R254	1-216-295-91	SHORT	0		
R178	1-216-073-00	RES,CHIP	10K	5%	1/10W	R257	1-216-660-11	METAL CHIP	2.4K	0.50%	1/10W
R179	1-216-073-00	RES,CHIP	10K	5%	1/10W	R258	1-216-083-00	RES,CHIP	27K	5%	1/10W
R180	1-216-073-00	RES,CHIP	10K	5%	1/10W	R264	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R181	1-216-073-00	RES,CHIP	10K	5%	1/10W	R265	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R182	1-216-073-00	RES,CHIP	10K	5%	1/10W	R266	1-216-295-91	SHORT	0		
R183	1-216-073-00	RES,CHIP	10K	5%	1/10W	R268	1-216-089-91	RES,CHIP	47K	5%	1/10W
R184	1-216-025-91	RES,CHIP	100	5%	1/10W	R269	1-216-694-11	METAL CHIP	62K	0.50%	1/10W
R185	1-216-025-91	RES,CHIP	100	5%	1/10W	R270	1-216-073-00	RES,CHIP	10K	5%	1/10W
R186	1-216-025-91	RES,CHIP	100	5%	1/10W	R271	1-216-073-00	RES,CHIP	10K	5%	1/10W
R187	1-216-025-91	RES,CHIP	100	5%	1/10W	R272	1-216-073-00	RES,CHIP	10K	5%	1/10W
R188	1-216-025-91	RES,CHIP	100	5%	1/10W	R273	1-216-073-00	RES,CHIP	10K	5%	1/10W
R191	1-216-675-91	METAL CHIP	10K	0.50%	1/10W	R274	1-216-073-00	RES,CHIP	10K	5%	1/10W
R192	1-216-025-91	RES,CHIP	100	5%	1/10W	R275	1-216-073-00	RES,CHIP	10K	5%	1/10W
R193	1-216-025-91	RES,CHIP	100	5%	1/10W	R276	1-216-073-00	RES,CHIP	10K	5%	1/10W
R194	1-216-025-91	RES,CHIP	100	5%	1/10W	R277	1-216-073-00	RES,CHIP	10K	5%	1/10W
R195	1-216-025-91	RES,CHIP	100	5%	1/10W	R278	1-216-073-00	RES,CHIP	10K	5%	1/10W
R196	1-216-025-91	RES,CHIP	100	5%	1/10W	R279	1-216-073-00	RES,CHIP	10K	5%	1/10W
R197	1-216-097-91	RES,CHIP	100K	5%	1/10W	R280	1-216-073-00	RES,CHIP	10K	5%	1/10W
R198	1-216-097-91	RES,CHIP	100K	5%	1/10W	R281	1-216-073-00	RES,CHIP	10K	5%	1/10W
R199	1-216-073-00	RES,CHIP	10K	5%	1/10W	R282	1-216-073-00	RES,CHIP	10K	5%	1/10W
R200	1-216-013-00	RES,CHIP	33	5%	1/10W	R283	1-216-073-00	RES,CHIP	10K	5%	1/10W
R201	1-216-683-11	METAL CHIP	22K	0.50%	1/10W	R284	1-216-073-00	RES,CHIP	10K	5%	1/10W
R202	1-216-049-91	RES,CHIP	1K	5%	1/10W	R285	1-216-073-00	RES,CHIP	10K	5%	1/10W
R203	1-216-685-11	METAL CHIP	27K	0.50%	1/10W	R286	1-216-073-00	RES,CHIP	10K	5%	1/10W
R205	1-216-677-11	METAL CHIP	12K	0.50%	1/10W	R287	1-216-073-00	RES,CHIP	10K	5%	1/10W
R206	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R288	1-216-073-00	RES,CHIP	10K	5%	1/10W
R207	1-216-049-91	RES,CHIP	1K	5%	1/10W	R289	1-216-073-00	RES,CHIP	10K	5%	1/10W
R208	1-216-699-91	METAL CHIP	100K	0.50%	1/10W	R290	1-216-073-00	RES,CHIP	10K	5%	1/10W
R209	1-216-073-00	RES,CHIP	10K	5%	1/10W	R291	1-216-073-00	RES,CHIP	10K	5%	1/10W
R216	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R292	1-216-073-00	RES,CHIP	10K	5%	1/10W
R217	1-216-687-11	METAL CHIP	33K	0.50%	1/10W	R293	1-216-073-00	RES,CHIP	10K	5%	1/10W
R218	1-216-679-11	METAL CHIP	15K	0.50%	1/10W	R294	1-216-073-00	RES,CHIP	10K	5%	1/10W
R219	1-216-073-00	RES,CHIP	10K	5%	1/10W	R295	1-216-073-00	RES,CHIP	10K	5%	1/10W
R222	1-216-045-00	RES,CHIP	680	5%	1/10W	R296	1-216-073-00	RES,CHIP	10K	5%	1/10W
R223	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R297	1-216-073-00	RES,CHIP	10K	5%	1/10W
R224	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R298	1-216-073-00	RES,CHIP	10K	5%	1/10W

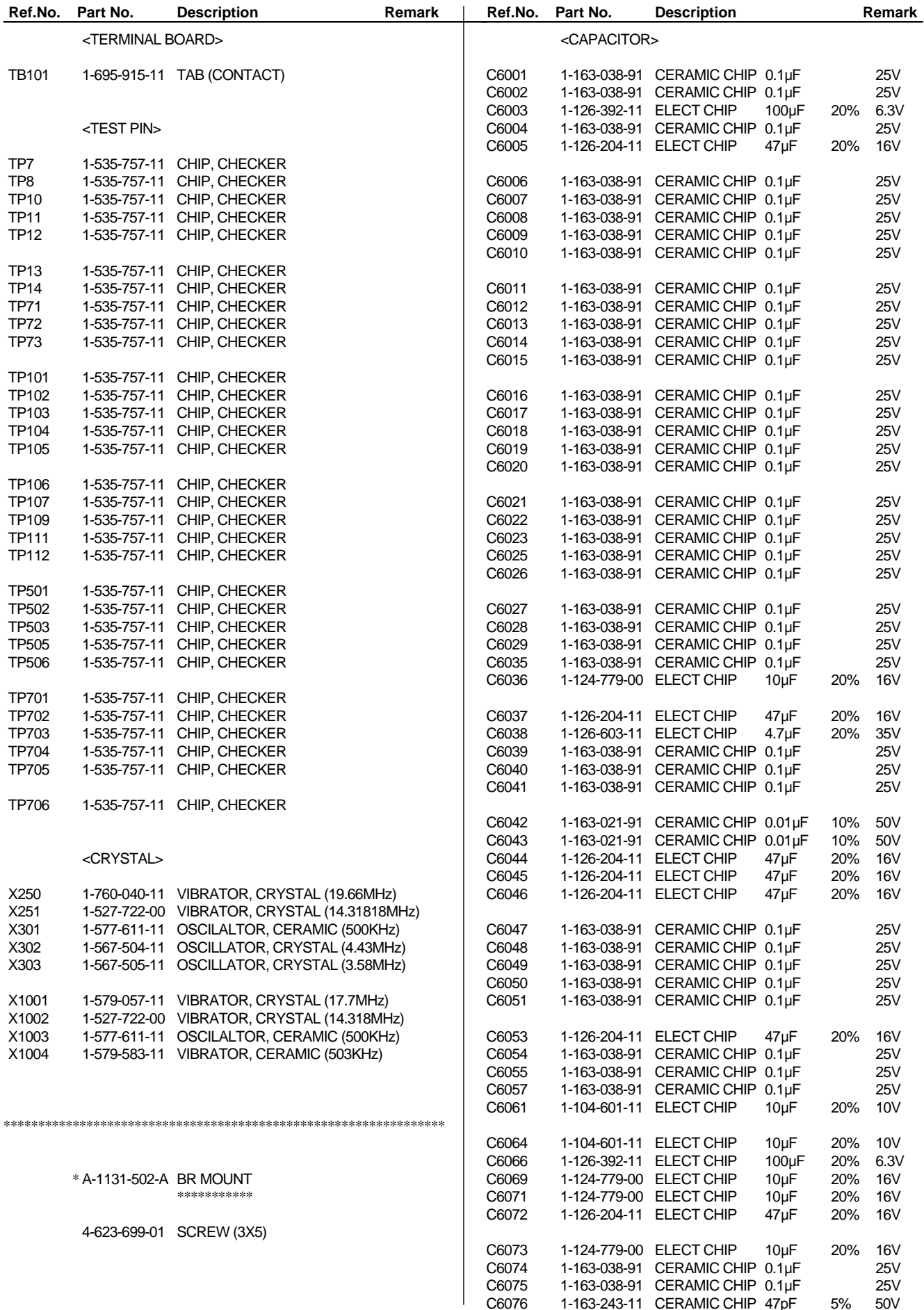
Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R299	1-216-073-00	RES,CHIP	10K 5% 1/10W	R389	1-216-121-91	RES,CHIP	1M 5% 1/10W
R300	1-216-073-00	RES,CHIP	10K 5% 1/10W	R392	1-216-657-11	METAL CHIP	1.8K 0.50% 1/10W
R301	1-216-073-00	RES,CHIP	10K 5% 1/10W	R393	1-218-775-11	METAL CHIP	910K 0.50% 1/10W
R305	1-216-693-11	METAL CHIP	56K 0.50% 1/10W	R394	1-216-687-11	METAL CHIP	33K 0.50% 1/10W
R308	1-216-025-91	RES,CHIP	100 5% 1/10W	R395	1-216-069-00	RES,CHIP	6.8K 5% 1/10W
R309	1-216-025-91	RES,CHIP	100 5% 1/10W	R396	1-216-651-11	METAL CHIP	1K 0.50% 1/10W
R310	1-216-025-91	RES,CHIP	100 5% 1/10W	R399	1-216-651-11	METAL CHIP	1K 0.50% 1/10W
R311	1-216-025-91	RES,CHIP	100 5% 1/10W	R400	1-216-651-11	METAL CHIP	1K 0.50% 1/10W
R312	1-216-653-11	METAL CHIP	1.2K 0.50% 1/10W	R401	1-218-774-11	METAL CHIP	820K 0.50% 1/10W
R313	1-216-655-11	METAL CHIP	1.5K 0.50% 1/10W	R402	1-218-766-11	METAL CHIP	390K 0.50% 1/10W
R314	1-216-103-00	RES,CHIP	180K 5% 1/10W	R403	1-218-774-11	METAL CHIP	820K 0.50% 1/10W
R315	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R404	1-216-681-11	METAL CHIP	18K 0.50% 1/10W
R316	1-216-662-11	METAL CHIP	3K 0.50% 1/10W	R405	1-216-683-11	METAL CHIP	22K 0.50% 1/10W
R317	1-216-663-11	METAL CHIP	3.3K 0.50% 1/10W	R406	1-216-681-11	METAL CHIP	18K 0.50% 1/10W
R318	1-216-663-11	METAL CHIP	3.3K 0.50% 1/10W	R407	1-216-683-11	METAL CHIP	22K 0.50% 1/10W
R319	1-216-049-91	RES,CHIP	1K 5% 1/10W	R408	1-216-681-11	METAL CHIP	18K 0.50% 1/10W
R320	1-216-631-11	METAL CHIP	150 0.50% 1/10W	R409	1-216-683-11	METAL CHIP	22K 0.50% 1/10W
R321	1-216-627-11	METAL CHIP	100 0.50% 1/10W	R411	1-216-645-11	METAL CHIP	560 0.50% 1/10W
R322	1-216-653-11	METAL CHIP	1.2K 0.50% 1/10W	R412	1-216-645-11	METAL CHIP	560 0.50% 1/10W
R323	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	R413	1-216-645-11	METAL CHIP	560 0.50% 1/10W
R324	1-216-089-91	RES,CHIP	47K 5% 1/10W	R414	1-216-651-11	METAL CHIP	1K 0.50% 1/10W
R335	1-218-774-11	METAL CHIP	820K 0.50% 1/10W	R415	1-216-651-11	METAL CHIP	1K 0.50% 1/10W
R336	1-218-771-11	METAL CHIP	620K 0.50% 1/10W	R416	1-216-652-11	METAL CHIP	1.1K 0.50% 1/10W
R340	1-216-657-11	METAL CHIP	1.8K 0.50% 1/10W	R417	1-216-652-11	METAL CHIP	1.1K 0.50% 1/10W
R346	1-216-663-11	METAL CHIP	3.3K 0.50% 1/10W	R420	1-216-687-11	METAL CHIP	33K 0.50% 1/10W
R347	1-216-657-11	METAL CHIP	1.8K 0.50% 1/10W	R421	1-216-687-11	METAL CHIP	33K 0.50% 1/10W
R348	1-216-295-91	SHORT	0	R422	1-216-695-11	METAL CHIP	68K 0.50% 1/10W
R350	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R423	1-216-633-11	METAL CHIP	180 0.50% 1/10W
R352	1-216-295-91	SHORT	0	R424	1-216-089-91	RES,CHIP	47K 5% 1/10W
R353	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R425	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R354	1-216-045-00	RES,CHIP	680 5% 1/10W	R426	1-216-676-11	METAL CHIP	11K 0.50% 1/10W
R355	1-216-053-00	RES,CHIP	1.5K 5% 1/10W	R427	1-216-065-91	RES,CHIP	4.7K 5% 1/10W
R356	1-216-047-91	RES,CHIP	820 5% 1/10W	R428	1-216-025-91	RES,CHIP	100 5% 1/10W
R357	1-216-025-91	RES,CHIP	100 5% 1/10W	R430	1-216-295-91	SHORT	0
R358	1-216-049-91	RES,CHIP	1K 5% 1/10W	R440	1-216-073-00	RES,CHIP	10K 5% 1/10W
R359	1-216-073-00	RES,CHIP	10K 5% 1/10W	R441	1-216-073-00	RES,CHIP	10K 5% 1/10W
R361	1-216-687-11	METAL CHIP	33K 0.50% 1/10W	R442	1-216-073-00	RES,CHIP	10K 5% 1/10W
R362	1-216-681-11	METAL CHIP	18K 0.50% 1/10W	R443	1-216-073-00	RES,CHIP	10K 5% 1/10W
R363	1-216-681-11	METAL CHIP	18K 0.50% 1/10W	R444	1-216-073-00	RES,CHIP	10K 5% 1/10W
R364	1-216-687-11	METAL CHIP	33K 0.50% 1/10W	R445	1-216-073-00	RES,CHIP	10K 5% 1/10W
R365	1-216-033-00	RES,CHIP	220 5% 1/10W	R446	1-216-073-00	RES,CHIP	10K 5% 1/10W
R366	1-216-295-91	SHORT	0	R447	1-216-073-00	RES,CHIP	10K 5% 1/10W
R367	1-216-295-91	SHORT	0	R448	1-216-073-00	RES,CHIP	10K 5% 1/10W
R368	1-216-295-91	SHORT	0	R449	1-216-073-00	RES,CHIP	10K 5% 1/10W
R369	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R450	1-216-073-00	RES,CHIP	10K 5% 1/10W
R370	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R451	1-216-073-00	RES,CHIP	10K 5% 1/10W
R371	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R452	1-216-073-00	RES,CHIP	10K 5% 1/10W
R372	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	R453	1-216-073-00	RES,CHIP	10K 5% 1/10W
R373	1-216-690-11	METAL CHIP	43K 0.50% 1/10W	R454	1-216-073-00	RES,CHIP	10K 5% 1/10W
R375	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R455	1-216-073-00	RES,CHIP	10K 5% 1/10W
R376	1-218-756-11	METAL CHIP	150K 0.50% 1/10W	R456	1-216-073-00	RES,CHIP	10K 5% 1/10W
R378	1-216-661-11	METAL CHIP	2.7K 0.50% 1/10W	R457	1-216-073-00	RES,CHIP	10K 5% 1/10W
R379	1-216-679-11	METAL CHIP	15K 0.50% 1/10W	R458	1-216-073-00	RES,CHIP	10K 5% 1/10W
R380	1-216-643-11	METAL CHIP	470 0.50% 1/10W	R459	1-216-073-00	RES,CHIP	10K 5% 1/10W
R381	1-216-657-11	METAL CHIP	1.8K 0.50% 1/10W	R460	1-216-073-00	RES,CHIP	10K 5% 1/10W
R383	1-218-772-11	METAL CHIP	680K 0.50% 1/10W	R461	1-216-073-00	RES,CHIP	10K 5% 1/10W
R384	1-216-679-11	METAL CHIP	15K 0.50% 1/10W	R462	1-216-073-00	RES,CHIP	10K 5% 1/10W
R385	1-216-646-11	METAL CHIP	620 0.50% 1/10W	R463	1-216-073-00	RES,CHIP	10K 5% 1/10W
R387	1-216-121-91	RES,CHIP	1M 5% 1/10W	R464	1-216-073-00	RES,CHIP	10K 5% 1/10W
R388	1-216-121-91	RES,CHIP	1M 5% 1/10W	R465	1-216-073-00	RES,CHIP	10K 5% 1/10W

Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
R466	1-216-073-00	RES,CHIP	10K	5%	1/10W	R531	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R467	1-216-073-00	RES,CHIP	10K	5%	1/10W	R532	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R468	1-216-073-00	RES,CHIP	10K	5%	1/10W	R533	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R469	1-216-073-00	RES,CHIP	10K	5%	1/10W	R534	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R470	1-216-073-00	RES,CHIP	10K	5%	1/10W	R535	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R471	1-216-073-00	RES,CHIP	10K	5%	1/10W	R536	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R477	1-216-013-00	RES,CHIP	33	5%	1/10W	R537	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R478	1-216-013-00	RES,CHIP	33	5%	1/10W	R538	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R479	1-216-013-00	RES,CHIP	33	5%	1/10W	R539	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R480	1-216-013-00	RES,CHIP	33	5%	1/10W	R540	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R481	1-216-013-00	RES,CHIP	33	5%	1/10W	R541	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R482	1-216-013-00	RES,CHIP	33	5%	1/10W	R542	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R483	1-216-013-00	RES,CHIP	33	5%	1/10W	R543	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R484	1-216-013-00	RES,CHIP	33	5%	1/10W	R544	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R485	1-216-013-00	RES,CHIP	33	5%	1/10W	R545	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R486	1-216-013-00	RES,CHIP	33	5%	1/10W	R546	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R487	1-216-013-00	RES,CHIP	33	5%	1/10W	R547	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R488	1-216-013-00	RES,CHIP	33	5%	1/10W	R548	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R489	1-216-013-00	RES,CHIP	33	5%	1/10W	R549	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R490	1-216-013-00	RES,CHIP	33	5%	1/10W	R550	1-216-073-00	RES,CHIP	10K	5%	1/10W
R491	1-216-013-00	RES,CHIP	33	5%	1/10W	R551	1-216-073-00	RES,CHIP	10K	5%	1/10W
R492	1-216-013-00	RES,CHIP	33	5%	1/10W	R552	1-216-073-00	RES,CHIP	10K	5%	1/10W
R493	1-216-013-00	RES,CHIP	33	5%	1/10W	R553	1-216-073-00	RES,CHIP	10K	5%	1/10W
R494	1-216-013-00	RES,CHIP	33	5%	1/10W	R554	1-216-073-00	RES,CHIP	10K	5%	1/10W
R495	1-216-013-00	RES,CHIP	33	5%	1/10W	R555	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R496	1-216-013-00	RES,CHIP	33	5%	1/10W	R561	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R497	1-216-013-00	RES,CHIP	33	5%	1/10W	R562	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R498	1-216-013-00	RES,CHIP	33	5%	1/10W	R563	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R499	1-216-013-00	RES,CHIP	33	5%	1/10W	R564	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R500	1-216-013-00	RES,CHIP	33	5%	1/10W	R565	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R501	1-216-675-91	METAL CHIP	10K	0.50%	1/10W	R566	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R502	1-216-675-91	METAL CHIP	10K	0.50%	1/10W	R567	1-216-631-11	METAL CHIP	150	0.50%	1/10W
R503	1-216-675-91	METAL CHIP	10K	0.50%	1/10W	R568	1-216-631-11	METAL CHIP	150	0.50%	1/10W
R504	1-216-675-91	METAL CHIP	10K	0.50%	1/10W	R569	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R505	1-216-675-91	METAL CHIP	10K	0.50%	1/10W	R570	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R506	1-216-675-91	METAL CHIP	10K	0.50%	1/10W	R571	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R507	1-216-631-11	METAL CHIP	150	0.50%	1/10W	R572	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R508	1-216-631-11	METAL CHIP	150	0.50%	1/10W	R573	1-216-653-11	METAL CHIP	1.2K	0.50%	1/10W
R509	1-216-639-11	METAL CHIP	330	0.50%	1/10W	R574	1-216-653-11	METAL CHIP	1.2K	0.50%	1/10W
R510	1-216-639-11	METAL CHIP	330	0.50%	1/10W	R575	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R511	1-216-639-11	METAL CHIP	330	0.50%	1/10W	R576	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R512	1-216-639-11	METAL CHIP	330	0.50%	1/10W	R577	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R513	1-216-653-11	METAL CHIP	1.2K	0.50%	1/10W	R578	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R514	1-216-653-11	METAL CHIP	1.2K	0.50%	1/10W	R579	1-216-631-11	METAL CHIP	150	0.50%	1/10W
R515	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W	R580	1-216-631-11	METAL CHIP	150	0.50%	1/10W
R516	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W	R581	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R517	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W	R582	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R518	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W	R583	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R519	1-216-631-11	METAL CHIP	150	0.50%	1/10W	R584	1-216-639-11	METAL CHIP	330	0.50%	1/10W
R520	1-216-631-11	METAL CHIP	150	0.50%	1/10W	R585	1-216-641-11	METAL CHIP	390	0.50%	1/10W
R521	1-216-639-11	METAL CHIP	330	0.50%	1/10W	R586	1-216-641-11	METAL CHIP	390	0.50%	1/10W
R522	1-216-639-11	METAL CHIP	330	0.50%	1/10W	R587	1-216-641-11	METAL CHIP	390	0.50%	1/10W
R523	1-216-639-11	METAL CHIP	330	0.50%	1/10W	R588	1-216-641-11	METAL CHIP	390	0.50%	1/10W
R524	1-216-639-11	METAL CHIP	330	0.50%	1/10W	R589	1-216-641-11	METAL CHIP	390	0.50%	1/10W
R525	1-216-641-11	METAL CHIP	390	0.50%	1/10W	R590	1-216-641-11	METAL CHIP	390	0.50%	1/10W
R526	1-216-641-11	METAL CHIP	390	0.50%	1/10W	R591	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R527	1-216-641-11	METAL CHIP	390	0.50%	1/10W	R592	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R528	1-216-641-11	METAL CHIP	390	0.50%	1/10W	R593	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R529	1-216-641-11	METAL CHIP	390	0.50%	1/10W	R594	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R530	1-216-641-11	METAL CHIP	390	0.50%	1/10W	R595	1-216-675-91	METAL CHIP	10K	0.50%	1/10W

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R596	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R659	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R597	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R660	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W
R598	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R661	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R599	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R662	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W
R600	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R663	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R601	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R664	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R602	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R665	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R603	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R666	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R604	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R667	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R605	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R668	1-216-675-91	METAL CHIP	10K 0.50% 1/10W
R606	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R669	1-216-639-11	METAL CHIP	330 0.50% 1/10W
R607	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R670	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W
R608	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R671	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W
R609	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R672	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W
R611	1-216-646-11	METAL CHIP	620 0.50% 1/10W	R673	1-216-057-00	RES,CHIP	2.2K 5% 1/10W
R612	1-216-655-11	METAL CHIP	1.5K 0.50% 1/10W	R674	1-216-025-91	RES,CHIP	100 5% 1/10W
R613	1-216-649-11	METAL CHIP	820 0.50% 1/10W	R675	1-216-097-91	RES,CHIP	100K 5% 1/10W
R614	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R676	1-216-065-91	RES,CHIP	4.7K 5% 1/10W
R615	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R677	1-216-073-00	RES,CHIP	10K 5% 1/10W
R616	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R701	1-216-017-91	RES,CHIP	47 5% 1/10W
R617	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R702	1-216-017-91	RES,CHIP	47 5% 1/10W
R618	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R703	1-216-017-91	RES,CHIP	47 5% 1/10W
R619	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R704	1-216-017-91	RES,CHIP	47 5% 1/10W
R620	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R705	1-216-017-91	RES,CHIP	47 5% 1/10W
R621	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R706	1-216-017-91	RES,CHIP	47 5% 1/10W
R622	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R707	1-216-017-91	RES,CHIP	47 5% 1/10W
R623	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	R708	1-216-017-91	RES,CHIP	47 5% 1/10W
R624	1-216-631-11	METAL CHIP	150 0.50% 1/10W	R709	1-216-017-91	RES,CHIP	47 5% 1/10W
R625	1-216-631-11	METAL CHIP	150 0.50% 1/10W	R710	1-216-017-91	RES,CHIP	47 5% 1/10W
R626	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R711	1-216-017-91	RES,CHIP	47 5% 1/10W
R627	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R712	1-216-017-91	RES,CHIP	47 5% 1/10W
R628	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R713	1-216-017-91	RES,CHIP	47 5% 1/10W
R629	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R714	1-216-017-91	RES,CHIP	47 5% 1/10W
R630	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R715	1-216-017-91	RES,CHIP	47 5% 1/10W
R632	1-216-653-11	METAL CHIP	1.2K 0.50% 1/10W	R716	1-216-017-91	RES,CHIP	47 5% 1/10W
R633	1-216-653-11	METAL CHIP	1.2K 0.50% 1/10W	R717	1-216-017-91	RES,CHIP	47 5% 1/10W
R634	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	R718	1-216-017-91	RES,CHIP	47 5% 1/10W
R635	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	R719	1-216-017-91	RES,CHIP	47 5% 1/10W
R636	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	R720	1-216-017-91	RES,CHIP	47 5% 1/10W
R637	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	R721	1-216-017-91	RES,CHIP	47 5% 1/10W
R638	1-216-631-11	METAL CHIP	150 0.50% 1/10W	R722	1-216-017-91	RES,CHIP	47 5% 1/10W
R639	1-216-631-11	METAL CHIP	150 0.50% 1/10W	R723	1-216-017-91	RES,CHIP	47 5% 1/10W
R640	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R724	1-216-017-91	RES,CHIP	47 5% 1/10W
R641	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R755	1-216-049-91	RES,CHIP	1K 5% 1/10W
R642	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R756	1-216-049-91	RES,CHIP	1K 5% 1/10W
R643	1-216-639-11	METAL CHIP	330 0.50% 1/10W	R757	1-216-033-00	RES,CHIP	220 5% 1/10W
R645	1-216-641-11	METAL CHIP	390 0.50% 1/10W	R758	1-216-033-00	RES,CHIP	220 5% 1/10W
R646	1-216-641-11	METAL CHIP	390 0.50% 1/10W	R761	1-216-017-91	RES,CHIP	47 5% 1/10W
R647	1-216-641-11	METAL CHIP	390 0.50% 1/10W	R762	1-216-009-91	RES,CHIP	22 5% 1/10W
R648	1-216-641-11	METAL CHIP	390 0.50% 1/10W	R763	1-216-079-00	RES,CHIP	18K 5% 1/10W
R649	1-216-641-11	METAL CHIP	390 0.50% 1/10W	R764	1-216-079-00	RES,CHIP	18K 5% 1/10W
R650	1-216-641-11	METAL CHIP	390 0.50% 1/10W	R765	1-216-049-91	RES,CHIP	1K 5% 1/10W
R651	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R766	1-216-067-00	RES,CHIP	5.6K 5% 1/10W
R652	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R767	1-216-073-00	RES,CHIP	10K 5% 1/10W
R653	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R768	1-216-025-91	RES,CHIP	100 5% 1/10W
R654	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R769	1-216-009-91	RES,CHIP	22 5% 1/10W
R655	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R770	1-216-009-91	RES,CHIP	22 5% 1/10W
R656	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R771	1-216-009-91	RES,CHIP	22 5% 1/10W
R657	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	R777	1-216-089-91	RES,CHIP	47K 5% 1/10W
R658	1-216-667-11	METAL CHIP	4.7K 0.50% 1/10W	R778	1-216-017-91	RES,CHIP	47 5% 1/10W

Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
R779	1-216-017-91	RES,CHIP	47	5%	1/10W	R937	1-216-295-91	SHORT	0		
R780	1-216-017-91	RES,CHIP	47	5%	1/10W	R938	1-216-686-11	METAL CHIP	30K	0.50%	1/10W
R782	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R939	1-216-679-11	METAL CHIP	15K	0.50%	1/10W
R783	1-216-049-91	RES,CHIP	1K	5%	1/10W	R975	1-216-295-91	SHORT	0		
R784	1-216-049-91	RES,CHIP	1K	5%	1/10W	R976	1-216-295-91	SHORT	0		
R788	1-216-685-11	METAL CHIP	27K	0.50%	1/10W	R1001	1-216-077-91	RES,CHIP	15K	5%	1/10W
R789	1-216-677-11	METAL CHIP	12K	0.50%	1/10W	R1002	1-216-079-00	RES,CHIP	18K	5%	1/10W
R790	1-216-699-91	METAL CHIP	100K	0.50%	1/10W	R1003	1-216-001-00	RES,CHIP	10	5%	1/10W
R791	1-216-679-11	METAL CHIP	15K	0.50%	1/10W	R1004	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R792	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W	R1005	1-216-043-91	RES,CHIP	560	5%	1/10W
R793	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W	R1006	1-216-001-00	RES,CHIP	10	5%	1/10W
R794	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W	R1007	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R795	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R1008	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R796	1-216-025-91	RES,CHIP	100	5%	1/10W	R1009	1-216-051-00	RES,CHIP	1.2K	5%	1/10W
R797	1-216-097-91	RES,CHIP	100K	5%	1/10W	R1010	1-216-045-00	RES,CHIP	680	5%	1/10W
R798	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R1011	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R799	1-216-073-00	RES,CHIP	10K	5%	1/10W	R1012	1-216-025-91	RES,CHIP	100	5%	1/10W
R801	1-216-009-91	RES,CHIP	22	5%	1/10W	R1013	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R802	1-216-009-91	RES,CHIP	22	5%	1/10W	R1014	1-216-041-00	RES,CHIP	470	5%	1/10W
R803	1-216-009-91	RES,CHIP	22	5%	1/10W	R1015	1-216-077-91	RES,CHIP	15K	5%	1/10W
R804	1-216-009-91	RES,CHIP	22	5%	1/10W	R1016	1-216-073-00	RES,CHIP	10K	5%	1/10W
R805	1-216-009-91	RES,CHIP	22	5%	1/10W	R1017	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R806	1-216-009-91	RES,CHIP	22	5%	1/10W	R1018	1-216-653-11	METAL CHIP	1.2K	0.50%	1/10W
R807	1-216-009-91	RES,CHIP	22	5%	1/10W	R1019	1-216-025-91	RES,CHIP	100	5%	1/10W
R808	1-216-009-91	RES,CHIP	22	5%	1/10W	R1020	1-216-029-00	RES,CHIP	150	5%	1/10W
R809	1-216-009-91	RES,CHIP	22	5%	1/10W	R1021	1-216-049-91	RES,CHIP	1K	5%	1/10W
R810	1-216-009-91	RES,CHIP	22	5%	1/10W	R1022	1-216-073-00	RES,CHIP	10K	5%	1/10W
R811	1-216-009-91	RES,CHIP	22	5%	1/10W	R1023	1-216-063-91	RES,CHIP	3.9K	5%	1/10W
R812	1-216-009-91	RES,CHIP	22	5%	1/10W	R1024	1-216-073-00	RES,CHIP	10K	5%	1/10W
R813	1-216-009-91	RES,CHIP	22	5%	1/10W	R1025	1-216-073-00	RES,CHIP	10K	5%	1/10W
R814	1-216-009-91	RES,CHIP	22	5%	1/10W	R1026	1-216-017-91	RES,CHIP	47	5%	1/10W
R815	1-216-009-91	RES,CHIP	22	5%	1/10W	R1027	1-216-081-00	RES,CHIP	22K	5%	1/10W
R816	1-216-009-91	RES,CHIP	22	5%	1/10W	R1028	1-216-023-00	RES,CHIP	82	5%	1/10W
R817	1-216-009-91	RES,CHIP	22	5%	1/10W	R1029	1-216-023-00	RES,CHIP	82	5%	1/10W
R818	1-216-009-91	RES,CHIP	22	5%	1/10W	R1030	1-216-023-00	RES,CHIP	82	5%	1/10W
R819	1-216-009-91	RES,CHIP	22	5%	1/10W	R1031	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R820	1-216-009-91	RES,CHIP	22	5%	1/10W	R1032	1-216-650-11	METAL CHIP	910	0.50%	1/10W
R821	1-216-009-91	RES,CHIP	22	5%	1/10W	R1033	1-216-633-11	METAL CHIP	180	0.50%	1/10W
R822	1-216-009-91	RES,CHIP	22	5%	1/10W	R1034	1-216-664-11	METAL CHIP	3.6K	0.50%	1/10W
R823	1-216-009-91	RES,CHIP	22	5%	1/10W	R1035	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R824	1-216-009-91	RES,CHIP	22	5%	1/10W	R1036	1-216-650-11	METAL CHIP	910	0.50%	1/10W
R825	1-216-009-91	RES,CHIP	22	5%	1/10W	R1037	1-216-664-11	METAL CHIP	3.6K	0.50%	1/10W
R826	1-216-009-91	RES,CHIP	22	5%	1/10W	R1038	1-216-627-11	METAL CHIP	100	0.50%	1/10W
R827	1-216-009-91	RES,CHIP	22	5%	1/10W	R1039	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R828	1-216-009-91	RES,CHIP	22	5%	1/10W	R1040	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W
R829	1-216-009-91	RES,CHIP	22	5%	1/10W	R1041	1-216-295-91	SHORT	0		
R830	1-216-009-91	RES,CHIP	22	5%	1/10W	R1042	1-216-634-11	METAL CHIP	200	0.50%	1/10W
R831	1-216-009-91	RES,CHIP	22	5%	1/10W	R1043	1-216-656-11	METAL CHIP	1.6K	0.50%	1/10W
R832	1-216-009-91	RES,CHIP	22	5%	1/10W	R1044	1-216-634-11	METAL CHIP	200	0.50%	1/10W
R833	1-216-009-91	RES,CHIP	22	5%	1/10W	R1045	1-216-025-91	RES,CHIP	100	5%	1/10W
R834	1-216-009-91	RES,CHIP	22	5%	1/10W	R1046	1-216-295-91	SHORT	0		
R835	1-216-009-91	RES,CHIP	22	5%	1/10W	R1047	1-216-017-91	RES,CHIP	47	5%	1/10W
R871	1-216-341-11	METAL OXIDE	0.22	5%	1W F	R1048	1-216-664-11	METAL CHIP	3.6K	0.50%	1/10W
R872	1-216-341-11	METAL OXIDE	0.22	5%	1W F	R1049	1-216-650-11	METAL CHIP	910	0.50%	1/10W
R931	1-216-121-91	RES,CHIP	1M	5%	1/10W	R1050	1-216-077-91	RES,CHIP	15K	5%	1/10W
R932	1-216-637-11	METAL CHIP	270	0.50%	1/10W	R1051	1-216-075-00	RES,CHIP	12K	5%	1/10W
R933	1-216-619-11	METAL CHIP	47	0.50%	1/10W	R1052	1-216-059-00	RES,CHIP	2.7K	5%	1/10W
R934	1-216-637-11	METAL CHIP	270	0.50%	1/10W	R1053	1-216-043-91	RES,CHIP	560	5%	1/10W
R935	1-216-637-11	METAL CHIP	270	0.50%	1/10W	R1054	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R936	1-216-685-11	METAL CHIP	27K	0.50%	1/10W	R1055	1-216-041-00	RES,CHIP	470	5%	1/10W

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R1056	1-216-039-00	RES,CHIP	390 5% 1/10W	R1148	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1057	1-216-049-91	RES,CHIP	1K 5% 1/10W	R1149	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1058	1-216-049-91	RES,CHIP	1K 5% 1/10W	R1150	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1059	1-216-049-91	RES,CHIP	1K 5% 1/10W	R1151	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1060	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1152	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1061	1-216-079-00	RES,CHIP	18K 5% 1/10W	R1153	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1062	1-216-025-91	RES,CHIP	100 5% 1/10W	R1154	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1063	1-216-017-91	RES,CHIP	47 5% 1/10W	R1155	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1064	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	R1156	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1065	1-216-077-91	RES,CHIP	15K 5% 1/10W	R1157	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1066	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1158	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1067	1-216-057-00	RES,CHIP	2.2K 5% 1/10W	R1159	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1068	1-216-043-91	RES,CHIP	560 5% 1/10W	R1160	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1069	1-216-067-00	RES,CHIP	5.6K 5% 1/10W	R1161	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1070	1-216-049-91	RES,CHIP	1K 5% 1/10W	R1162	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1071	1-216-043-91	RES,CHIP	560 5% 1/10W	R1163	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1072	1-216-049-91	RES,CHIP	1K 5% 1/10W	R1164	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1073	1-216-049-91	RES,CHIP	1K 5% 1/10W	R1165	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1074	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1166	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1075	1-216-081-00	RES,CHIP	22K 5% 1/10W	R1167	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1076	1-216-025-91	RES,CHIP	100 5% 1/10W	R1168	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1077	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	R1169	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1078	1-216-017-91	RES,CHIP	47 5% 1/10W	R1170	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1079	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R1171	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1080	1-216-295-91	SHORT	0	R1175	1-216-065-91	RES,CHIP	4.7K 5% 1/10W
R1081	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R1176	1-216-065-91	RES,CHIP	4.7K 5% 1/10W
R1082	1-216-049-91	RES,CHIP	1K 5% 1/10W	R1200	1-216-041-00	RES,CHIP	470 5% 1/10W
R1083	1-216-682-11	METAL CHIP	20K 0.50% 1/10W	R1201	1-216-055-00	RES,CHIP	1.8K 5% 1/10W
R1084	1-216-025-91	RES,CHIP	100 5% 1/10W	R1202	1-216-061-00	RES,CHIP	3.3K 5% 1/10W
R1085	1-216-089-91	RES,CHIP	47K 5% 1/10W	R1203	1-216-645-11	METAL CHIP	560 0.50% 1/10W
R1086	1-216-033-00	RES,CHIP	220 5% 1/10W	R1204	1-216-687-11	METAL CHIP	33K 0.50% 1/10W
R1089	1-216-133-00	RES,CHIP	3.3M 5% 1/10W	R1205	1-216-681-11	METAL CHIP	18K 0.50% 1/10W
R1090	1-216-057-00	RES,CHIP	2.2K 5% 1/10W	R1206	1-216-049-91	RES,CHIP	1K 5% 1/10W
R1091	1-216-644-11	METAL CHIP	510 0.50% 1/10W	R1207	1-216-025-91	RES,CHIP	100 5% 1/10W
R1092	1-216-627-11	METAL CHIP	100 0.50% 1/10W	R1211	1-216-095-00	RES,CHIP	82K 5% 1/10W
R1093	1-216-023-00	RES,CHIP	82 5% 1/10W	R1212	1-216-095-00	RES,CHIP	82K 5% 1/10W
R1094	1-216-029-00	RES,CHIP	150 5% 1/10W	R1213	1-216-077-91	RES,CHIP	15K 5% 1/10W
R1095	1-216-041-00	RES,CHIP	470 5% 1/10W	R1214	1-216-077-91	RES,CHIP	15K 5% 1/10W
R1096	1-216-019-00	RES,CHIP	56 5% 1/10W	R1215	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1097	1-216-009-91	RES,CHIP	22 5% 1/10W	R1216	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1098	1-216-039-00	RES,CHIP	390 5% 1/10W	R1217	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1099	1-216-097-91	RES,CHIP	100K 5% 1/10W	R1218	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1100	1-216-059-00	RES,CHIP	2.7K 5% 1/10W	R1219	1-216-689-11	RES,CHIP	39K 5% 1/10W
R1101	1-216-057-00	RES,CHIP	2.2K 5% 1/10W	R1220	1-216-689-11	RES,CHIP	39K 5% 1/10W
R1102	1-216-031-00	RES,CHIP	180 5% 1/10W	R1221	1-216-093-91	RES,CHIP	68K 5% 1/10W
R1103	1-216-071-00	RES,CHIP	8.2K 5% 1/10W	R1222	1-216-095-00	RES,CHIP	82K 5% 1/10W
R1104	1-216-053-00	RES,CHIP	1.5K 5% 1/10W	R1223	1-216-095-00	RES,CHIP	82K 5% 1/10W
R1105	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1224	1-216-081-00	RES,CHIP	22K 5% 1/10W
R1106	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1226	1-216-081-00	RES,CHIP	22K 5% 1/10W
R1107	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R1227	1-216-081-00	RES,CHIP	22K 5% 1/10W
R1108	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	R1228	1-216-081-00	RES,CHIP	22K 5% 1/10W
R1135	1-216-625-11	METAL CHIP	82 0.50% 1/10W	R1229	1-216-089-91	RES,CHIP	47K 5% 1/10W
R1140	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1230	1-216-089-91	RES,CHIP	47K 5% 1/10W
R1141	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1231	1-216-033-00	RES,CHIP	220 5% 1/10W
R1142	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1232	1-216-081-00	RES,CHIP	22K 5% 1/10W
R1143	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1233	1-216-001-00	RES,CHIP	10 5% 1/10W
R1144	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1239	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1145	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1240	1-216-073-00	RES,CHIP	10K 5% 1/10W
R1146	1-216-073-00	RES,CHIP	10K 5% 1/10W	R1241	1-216-081-00	RES,CHIP	22K 5% 1/10W
R1147	1-216-073-00	RES,CHIP	10K 5% 1/10W	R2001	1-215-884-11	METAL OXIDE	47 5% 2W F



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C6500	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	D6501	8-719-073-01	DIODE MA1111-(K8).S0	
C6501	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	D6502	8-719-073-01	DIODE MA1111-(K8).S0	
C6502	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	D6503	8-719-073-01	DIODE MA1111-(K8).S0	
C6503	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V				
C6504	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V			<FILTER>	
C6505	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	FL6001	1-234-113-21	FILTER, LOW PASS	
C6506	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	FL6002	1-234-112-21	FILTER, LOW PASS	
C6507	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	FL6003	1-234-112-21	FILTER, LOW PASS	
C6508	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	FL6004	1-233-505-21	FILTER, LOW PASS	
C6509	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	FL6005	1-233-504-21	FILTER, LOW PASS	
C6510	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	FL6006	1-233-504-21	FILTER, LOW PASS	
C6511	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V			<IC>	
C6512	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6001	8-759-431-14	IC PQ3TZ53U	
C6513	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6002	8-759-422-80	IC MN47V77ST1	
C6515	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V	IC6003	8-759-422-80	IC MN47V77ST1	
C6516	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V	IC6004	8-752-390-22	IC CXD2075Q	
C6517	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V	IC6005	8-759-701-01	IC NJM2904M	
C6518	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6006	8-759-295-09	IC TLC2932IPW	
C6519	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6007	8-752-388-98	IC CXD2303AQ	
C6520	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6008	8-759-430-32	IC TLC2933IPWR	
C6521	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6500	8-752-067-05	IC CXA1739S	
C6522	1-163-275-11	CERAMIC CHIP 0.001μF	5% 50V	IC6501	8-759-243-47	IC TC74ACT04F	
C6523	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6502	8-759-970-89	IC BA10358F	
C6524	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6503	8-759-390-38	IC μPC24M12AHF	
C6526	1-126-204-11	ELECT CHIP 47μF	20% 16V	IC6504	8-759-144-82	IC μPC2405HF	
C6527	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6505	8-759-209-57	IC TC4S69F (TE85R)	
C6528	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC6506	8-759-488-29	IC TC7W66FU (TE12R)	
C6529	1-126-204-11	ELECT CHIP 47μF	20% 16V	IC6507	8-759-209-57	IC TC4S69F (TE85R)	
C6530	1-126-205-11	ELECT CHIP 47μF	20% 6.3V			<COIL>	
C6531	1-126-205-11	ELECT CHIP 47μF	20% 6.3V	L6001	1-410-196-11	INDUCTOR CHIP	2.2μH
C6532	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	L6002	1-414-754-11	INDUCTOR	10μH
C6533	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	L6004	1-414-754-11	INDUCTOR	10μH
C6534	1-126-204-11	ELECT CHIP 47μF	20% 16V	L6006	1-414-754-11	INDUCTOR	10μH
C6535	1-163-241-11	CERAMIC CHIP 39pF	5% 50V	L6007	1-414-754-11	INDUCTOR	10μH
C6536	1-126-204-11	ELECT CHIP 47μF	20% 16V	L6008	1-414-757-11	INDUCTOR	100μH
C6537	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	L6009	1-414-757-11	INDUCTOR	100μH
C6538	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	L6010	1-414-757-11	INDUCTOR	100μH
C6539	1-117-137-11	ELECT CHIP 33μF	20% 10V	L6011	1-414-757-11	INDUCTOR	100μH
C6540	1-117-137-11	ELECT CHIP 33μF	20% 10V	L6013	1-414-754-11	INDUCTOR	10μH
C6541	1-117-137-11	ELECT CHIP 33μF	20% 10V	L6014	1-414-754-11	INDUCTOR	10μH
C6542	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V			<TRANSISTOR>	
C6543	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	Q6001	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C6544	1-124-779-00	ELECT CHIP 10μF	20% 16V	Q6002	8-729-216-22	TRANSISTOR 2SA1162-G	
C6545	1-124-779-00	ELECT CHIP 10μF	20% 16V	Q6004	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C6546	1-126-392-11	ELECT CHIP 100μF	20% 6.3V	Q6005	8-729-216-22	TRANSISTOR 2SA1162-G	
C6547	1-163-251-11	CERAMIC CHIP 100pF	5% 50V	Q6006	8-729-216-22	TRANSISTOR 2SA1162-G	
C6548	1-163-251-11	CERAMIC CHIP 100pF	5% 50V	Q6007	8-729-216-22	TRANSISTOR 2SA1162-G	
		<CONNECTOR>		Q6008	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
CN6500	* 1-564-005-11	PIN, CONNECTOR 6P		Q6009	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
CN6501	1-506-469-11	PIN, CONNECTOR 4P		Q6010	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
CN6502	1-506-469-11	PIN, CONNECTOR 4P		Q6011	8-729-216-22	TRANSISTOR 2SA1162-G	
CN6503	* 1-564-009-11	PIN, CONNECTOR 10P					
CN6504	* 1-564-506-11	PLUG, CONNECTOR 3P		Q6012	8-729-216-22	TRANSISTOR 2SA1162-G	
		<DIODE>		Q6013	8-729-216-22	TRANSISTOR 2SA1162-G	
D6001	8-719-422-12	DIODE MA8039					
D6500	8-719-073-01	DIODE MA1111-(K8).S0					



Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
Q6500	8-729-216-22	TRANSISTOR 2SA1162-G				R6059	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
Q6501	8-729-120-28	TRANSISTOR 2SC1623-L5L6				R6061	1-216-295-91	SHORT	0		
Q6502	8-729-216-22	TRANSISTOR 2SA1162-G				R6062	1-216-062-00	RES,CHIP	3.6K	5%	1/10W
Q6503	8-729-120-28	TRANSISTOR 2SC1623-L5L6				R6064	1-216-113-00	RES,CHIP	470K	5%	1/10W
Q6504	8-729-216-22	TRANSISTOR 2SA1162-G				R6065	1-216-073-00	RES,CHIP	10K	5%	1/10W
Q6505	8-729-120-28	TRANSISTOR 2SC1623-L5L6				R6068	1-216-295-91	SHORT	0		
Q6506	8-729-216-22	TRANSISTOR 2SA1162-G				R6071	1-216-025-91	RES,CHIP	100	5%	1/10W
Q6507	8-729-216-22	TRANSISTOR 2SA1162-G				R6074	1-216-025-91	RES,CHIP	100	5%	1/10W
Q6508	8-729-216-22	TRANSISTOR 2SA1162-G				R6075	1-216-025-91	RES,CHIP	100	5%	1/10W
Q6509	8-729-216-22	TRANSISTOR 2SA1162-G				R6077	1-216-295-91	SHORT	0		
Q6510	8-729-216-22	TRANSISTOR 2SA1162-G				R6078	1-216-295-91	SHORT	0		
Q6511	8-729-216-22	TRANSISTOR 2SA1162-G				R6081	1-216-668-11	METAL CHIP	5.1K	0.50%	1/10W
Q6512	8-729-120-28	TRANSISTOR 2SC1623-L5L6				R6082	1-216-673-11	METAL CHIP	8.2K	0.50%	1/10W
Q6513	8-729-216-22	TRANSISTOR 2SA1162-G				R6083	1-216-666-11	METAL CHIP	4.3K	0.50%	1/10W
Q6514	8-729-216-22	TRANSISTOR 2SA1162-G				R6084	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
<RESISTOR>						R6085	1-216-295-91	SHORT	0		
						R6087	1-216-043-91	RES,CHIP	560	5%	1/10W
			R6088	1-216-049-91	RES,CHIP	1K	5%	1/10W			
R450	1-216-049-91	RES,CHIP	1K	5%	1/10W	R6089	1-216-049-91	RES,CHIP	1K	5%	1/10W
R6001	1-216-635-11	METAL CHIP	220	0.50%	1/10W	R6090	1-216-647-11	METAL CHIP	680	0.50%	1/10W
R6002	1-216-635-11	METAL CHIP	220	0.50%	1/10W	R6091	1-216-043-91	RES,CHIP	560	5%	1/10W
R6003	1-216-632-11	METAL CHIP	160	0.50%	1/10W	R6092	1-216-043-91	RES,CHIP	560	5%	1/10W
R6004	1-216-646-11	METAL CHIP	620	0.50%	1/10W	R6093	1-216-669-11	METAL CHIP	5.6K	0.50%	1/10W
R6005	1-216-637-11	METAL CHIP	270	0.50%	1/10W	R6094	1-216-645-11	METAL CHIP	560	0.50%	1/10W
R6006	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W	R6095	1-216-669-11	METAL CHIP	5.6K	0.50%	1/10W
R6007	1-216-295-91	SHORT	0			R6096	1-216-645-11	METAL CHIP	560	0.50%	1/10W
R6010	1-216-295-91	SHORT	0			R6097	1-216-669-11	METAL CHIP	5.6K	0.50%	1/10W
R6011	1-216-295-91	SHORT	0			R6098	1-216-645-11	METAL CHIP	560	0.50%	1/10W
R6014	1-216-295-91	SHORT	0			R6099	1-216-643-11	METAL CHIP	470	0.50%	1/10W
R6016	1-216-295-91	SHORT	0			R6100	1-216-295-91	SHORT	0		
R6018	1-216-295-91	SHORT	0			R6101	1-216-641-11	METAL CHIP	390	0.50%	1/10W
R6019	1-216-295-91	SHORT	0			R6102	1-216-295-91	SHORT	0		
R6021	1-216-295-91	SHORT	0			R6103	1-216-643-11	METAL CHIP	470	0.50%	1/10W
R6024	1-216-295-91	SHORT	0			R6104	1-216-295-91	SHORT	0		
R6026	1-216-295-91	SHORT	0			R6105	1-216-295-91	SHORT	0		
R6029	1-216-295-91	SHORT	0			R6106	1-216-295-91	SHORT	0		
R6030	1-216-295-91	SHORT	0			R6107	1-216-295-91	SHORT	0		
R6031	1-216-295-91	SHORT	0			R6108	1-216-295-91	SHORT	0		
R6033	1-216-025-91	RES,CHIP	100	5%	1/10W	R6109	1-216-295-91	SHORT	0		
R6034	1-216-295-91	SHORT	0			R6110	1-216-295-91	SHORT	0		
R6035	1-216-295-91	SHORT	0			R6111	1-216-295-91	SHORT	0		
R6039	1-216-295-91	SHORT	0			R6500	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6040	1-216-295-91	SHORT	0			R6501	1-216-077-91	RES,CHIP	15K	5%	1/10W
R6041	1-216-047-91	RES,CHIP	820	5%	1/10W	R6502	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6042	1-216-037-00	RES,CHIP	330	5%	1/10W	R6503	1-216-661-11	METAL CHIP	2.7K	0.50%	1/10W
R6043	1-216-037-00	RES,CHIP	330	5%	1/10W	R6504	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R6044	1-216-049-91	RES,CHIP	1K	5%	1/10W	R6505	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R6045	1-216-113-00	RES,CHIP	470K	5%	1/10W	R6506	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R6046	1-216-117-00	RES,CHIP	680K	5%	1/10W	R6507	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6047	1-216-081-00	RES,CHIP	22K	5%	1/10W	R6508	1-216-295-91	SHORT	0		
R6048	1-216-097-91	RES,CHIP	100K	5%	1/10W	R6509	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6049	1-216-025-91	RES,CHIP	100	5%	1/10W	R6510	1-216-025-91	RES,CHIP	100	5%	1/10W
R6050	1-216-666-11	METAL CHIP	4.3K	0.50%	1/10W	R6511	1-216-071-00	RES,CHIP	8.2K	5%	1/10W
R6051	1-216-117-00	RES,CHIP	680K	5%	1/10W	R6512	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R6052	1-216-295-91	SHORT	0			R6513	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6054	1-216-025-91	RES,CHIP	100	5%	1/10W	R6514	1-216-025-91	RES,CHIP	100	5%	1/10W
R6055	1-216-033-00	RES,CHIP	220	5%	1/10W	R6515	1-216-071-00	RES,CHIP	8.2K	5%	1/10W
R6056	1-216-295-91	SHORT	0			R6516	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R6057	1-216-049-91	RES,CHIP	1K	5%	1/10W	R6517	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R6058	1-216-061-00	RES,CHIP	3.3K	5%	1/10W	R6518	1-216-025-91	RES,CHIP	100	5%	1/10W

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R6519	1-216-071-00	RES,CHIP	8.2K 5% 1/10W	* A-1294-135-A AI MOUNT *****			
R6520	1-216-655-11	METAL CHIP	1.5K 0.50% 1/10W	<CAPACITOR>			
R6521	1-216-679-11	METAL CHIP	15K 0.50% 1/10W	C6002	1-163-031-11	CERAMIC CHIP 0.01μF	50V
R6522	1-216-655-11	METAL CHIP	1.5K 0.50% 1/10W	C6004	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
R6523	1-216-679-11	METAL CHIP	15K 0.50% 1/10W	C6005	1-163-031-11	CERAMIC CHIP 0.01μF	50V
R6524	1-216-685-11	METAL CHIP	27K 0.50% 1/10W	C6008	1-126-206-11	ELECT CHIP 100μF	20% 6.3V
R6525	1-216-653-11	METAL CHIP	1.2K 0.50% 1/10W	C6012	1-126-396-11	ELECT CHIP 47μF	20% 16V
R6526	1-216-673-11	METAL CHIP	8.2K 0.50% 1/10W	C6020	1-126-395-11	ELECT CHIP 22μF	20% 16V
R6527	1-216-635-11	METAL CHIP	220 0.50% 1/10W	C6021	1-126-395-11	ELECT CHIP 22μF	20% 16V
R6528	1-216-639-11	METAL CHIP	330 0.50% 1/10W	C6022	1-126-392-11	ELECT CHIP 100μF	20% 6.3V
R6530	1-216-073-00	RES,CHIP	10K 5% 1/10W	C6023	1-126-392-11	ELECT CHIP 100μF	20% 6.3V
R6531	1-216-025-91	RES,CHIP	100 5% 1/10W	C6024	1-126-395-11	ELECT CHIP 22μF	20% 16V
R6532	1-216-073-00	RES,CHIP	10K 5% 1/10W	C6025	1-163-251-11	CERAMIC CHIP 100pF	5% 50V
R6533	1-216-295-91	SHORT	0	C6026	1-126-395-11	ELECT CHIP 22μF	20% 16V
R6534	1-216-687-11	METAL CHIP	33K 0.50% 1/10W	C6027	1-163-251-11	CERAMIC CHIP 100pF	5% 50V
R6535	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	C6028	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
R6536	1-216-629-11	METAL CHIP	120 0.50% 1/10W	C6029	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
R6537	1-216-629-11	METAL CHIP	120 0.50% 1/10W	C6030	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
R6538	1-216-629-11	METAL CHIP	120 0.50% 1/10W	C6031	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
R6540	1-216-045-00	RES,CHIP	680 5% 1/10W	C6032	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
R6541	1-216-045-00	RES,CHIP	680 5% 1/10W	C6033	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V
R6542	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	C6034	1-163-031-11	CERAMIC CHIP 0.01μF	50V
R6543	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	C6035	1-163-031-11	CERAMIC CHIP 0.01μF	50V
R6544	1-216-635-11	METAL CHIP	220 0.50% 1/10W	<CONNECTOR>			
R6545	1-216-635-11	METAL CHIP	220 0.50% 1/10W	CN6001	1-774-552-11	CONNECTOR, BOARD TO BOARD 10P	
R6546	1-216-635-11	METAL CHIP	220 0.50% 1/10W	CN6002	1-506-472-11	PIN, CONNECTOR 7P	
R6547	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	CN6003	* 1-564-006-71	PIN, CONNECTOR 7P	
R6548	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	CN6004	1-506-484-11	PIN, CONNECTOR 5P	
R6549	1-216-659-11	METAL CHIP	2.2K 0.50% 1/10W	CN6005	1-774-552-11	CONNECTOR, BOARD TO BOARD 10P	
R6550	1-216-053-00	RES,CHIP	1.5K 5% 1/10W	<DIODE>			
R6551	1-216-647-11	METAL CHIP	680 0.50% 1/10W	D6001	8-719-073-01	DIODE MA111-(K8).S0	
R6552	1-216-053-00	RES,CHIP	1.5K 5% 1/10W	D6002	8-719-073-01	DIODE MA111-(K8).S0	
R6553	1-216-025-91	RES,CHIP	100 5% 1/10W	D6003	8-719-073-01	DIODE MA111-(K8).S0	
R6554	1-216-629-11	METAL CHIP	120 0.50% 1/10W	D6004	8-719-073-01	DIODE MA111-(K8).S0	
R6555	1-216-634-11	METAL CHIP	200 0.50% 1/10W	<IC>			
R6556	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	IC6001	8-759-454-11	IC MC74HC589AFEL	
R6557	1-216-647-11	METAL CHIP	680 0.50% 1/10W	IC6002	8-759-245-58	IC TC35095AF	
R6558	1-216-627-11	METAL CHIP	100 0.50% 1/10W	IC6003	8-759-925-80	IC SN74HC14ANS	
R6559	1-216-647-11	METAL CHIP	680 0.50% 1/10W	IC6004	8-759-032-23	IC MC74HC74AF-T2	
R6560	1-216-651-11	METAL CHIP	1K 0.50% 1/10W	IC6005	8-759-327-60	IC TC7W125FU-TE12R	
R6561	1-216-055-00	RES,CHIP	1.8K 5% 1/10W	<COIL>			
R6562	1-216-668-11	METAL CHIP	5.1K 0.50% 1/10W	L6001	1-410-482-31	INDUCTOR 100μH	
R6563	1-216-675-91	METAL CHIP	10K 0.50% 1/10W	<RESISTOR>			
R6564	1-216-055-00	RES,CHIP	1.8K 5% 1/10W	R6007	1-216-677-11	METAL CHIP 12K	0.50% 1/10W
<TEST PIN>				R6008	1-216-677-11	METAL CHIP 12K	0.50% 1/10W
TP1	1-535-757-11	CHIP, CHECKER		R6028	1-216-049-91	RES,CHIP 1K	5% 1/10W
TP2	1-535-757-11	CHIP, CHECKER		R6029	1-216-049-91	RES,CHIP 1K	5% 1/10W
TP3	1-535-757-11	CHIP, CHECKER		R6030	1-216-073-00	RES,CHIP 10K	5% 1/10W
TP4	1-535-757-11	CHIP, CHECKER					
TP5	1-535-757-11	CHIP, CHECKER					

AI AF G2 G1 H2

Ref.No.	Part No.	Description	Remark
R6031	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R6035	1-216-025-91	RES,CHIP 100 5% 1/10W	
R6036	1-216-025-91	RES,CHIP 100 5% 1/10W	
R6037	1-216-025-91	RES,CHIP 100 5% 1/10W	
R6040	1-216-097-91	RES,CHIP 100K 5% 1/10W	
R6050	1-216-673-11	METAL CHIP 8.2K 0.50% 1/10W	
R6051	1-216-673-11	METAL CHIP 8.2K 0.50% 1/10W	
R6052	1-216-049-91	RES,CHIP 1K 5% 1/10W	
R6053	1-216-001-00	RES,CHIP 10 5% 1/10W	
R6054	1-216-001-00	RES,CHIP 10 5% 1/10W	
R6055	1-216-001-00	RES,CHIP 10 5% 1/10W	
R6056	1-216-001-00	RES,CHIP 10 5% 1/10W	
R6057	1-216-001-00	RES,CHIP 10 5% 1/10W	
R6058	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R6059	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R6060	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R6061	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R6062	1-216-073-00	RES,CHIP 10K 5% 1/10W	

* A-1294-154-A AF MOUNT

<CAPACITOR>

C6501	1-126-392-11	ELECT CHIP 100μF 20% 6.3V	
C6502	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C6503	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	

<CONNECTOR>

CN6501	* 1-564-520-11	PLUG, CONNECTOR 5P	
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<IC>

IC6501	8-759-032-59	IC MC74HC595AF	
IC6502	8-759-032-59	IC MC74HC595AF	
IC6503	8-719-045-58	DIODE LB-602MA2	

<RESISTOR>

R6501	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6502	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6503	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6504	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6505	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6506	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6507	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6508	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6509	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6510	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6511	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6512	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6513	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6514	1-216-039-00	RES,CHIP 390 5% 1/10W	
R6515	1-216-039-00	RES,CHIP 390 5% 1/10W	

Ref.No.	Part No.	Description	Remark
R6516	1-216-039-00	RES,CHIP 390 5% 1/10W	

* A-1311-825-A G2 MOUNT *****			
<CONNECTOR>			
CN4001	* 1-564-517-11	PLUG, CONNECTOR 2P	
CN4002	* 1-564-519-11	PLUG, CONNECTOR 4P	
CN4003	* 1-564-524-11	PLUG, CONNECTOR 9P	
CN4004	* 1-564-519-11	PLUG, CONNECTOR 4P	
CN4005	* 1-564-519-11	PLUG, CONNECTOR 4P	
CN4006	* 1-564-594-11	PLUG, CONNECTOR 15P	
CN4007	* 1-785-108-11	PIN, CONNECTOR (PC BOARD) 40P	
CN4008	* 1-564-520-11	PLUG, CONNECTOR 5P	

* A-1311-826-A G1 MOUNT

CN5001	1-506-488-11	PIN, CONNECTOR 9P	
CN5002	1-506-483-21	PIN, CONNECTOR 4P	
CN5003	1-506-482-11	PIN, CONNECTOR 3P	
CN5004	1-506-494-11	PIN, CONNECTOR 15P	
CN5005	1-506-484-11	PIN, CONNECTOR 5P	
CN5006	* 1-785-109-11	SOCKET, CONNECTOR 40P	

* A-1372-452-A H2 MOUNT

<CAPACITOR>

C801	1-126-396-11	ELECT CHIP 47μF 20% 16V	
C802	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C803	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C804	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C805	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C806	1-126-391-11	ELECT CHIP 47μF 20% 6.3V	
C807	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C808	1-126-391-11	ELECT CHIP 47μF 20% 6.3V	
C809	1-126-391-11	ELECT CHIP 47μF 20% 6.3V	
C850	1-126-392-11	ELECT CHIP 100μF 20% 6.3V	
C851	1-126-396-11	ELECT CHIP 47μF 20% 16V	
C871	1-126-392-11	ELECT CHIP 100μF 20% 6.3V	
C872	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C873	1-126-396-11	ELECT CHIP 47μF 20% 16V	
C874	1-163-009-11	CERAMIC CHIP 0.001μF 10% 50V	
C875	1-163-037-11	CERAMIC CHIP 0.022μF 10% 50V	
C876	1-163-009-11	CERAMIC CHIP 0.001μF 10% 50V	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C877	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V		<IC>		
C878	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V				
C881	1-126-391-11	ELECT CHIP 47μF	20% 6.3V	IC801	8-759-168-19	IC TA78L09F-TE12L	
				IC802	8-759-358-46	IC MM1114XFBE	
C882	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC803	8-759-358-46	IC MM1114XFBE	
C883	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	IC871	8-759-467-84	IC MC68HC05P6SC442119B	
				IC872	8-759-058-62	IC TC7S08FU(TE85R)	
	<CONNECTOR>			IC873	8-759-058-62	IC TC7S08FU(TE85R)	
CN801	1-506-480-11	PIN, CONNECTOR 15P			<COIL>		
CN802	1-506-472-11	PIN, CONNECTOR 7P					
CN803	1-774-552-11	CONNECTOR, BOARD TO BOARD 10P		L801	1-414-042-21	INDUCTOR 18μH	
CN804	1-774-553-11	CONNECTOR, BOARD TO BOARD 15P		L871	1-408-615-31	INDUCTOR 100μH	
CN807	1-506-468-11	PIN, CONNECTOR 3P		L872	1-410-682-31	INDUCTOR 470μH	
					<TRANSISTOR>		
CN808	1-506-473-11	PIN, CONNECTOR 8P					
CN809	* 1-563-865-21	SOCKET, CONNECTOR 30P		Q850	8-729-027-38	TRANSISTOR DTA144EKA-T146	
CN810	* 1-563-865-21	SOCKET, CONNECTOR 30P		Q851	1-801-806-11	TRANSISTOR DTC144EKA-T146	
CN811	* 1-563-865-21	SOCKET, CONNECTOR 30P		Q852	8-729-027-38	TRANSISTOR DTA144EKA-T146	
CN812	1-774-553-11	CONNECTOR, BOARD TO BOARD 15P		Q853	1-801-806-11	TRANSISTOR DTC144EKA-T146	
				Q871	1-801-806-11	TRANSISTOR DTC144EKA-T146	
CN813	1-774-553-11	CONNECTOR, BOARD TO BOARD 15P					
CN814	1-774-553-11	CONNECTOR, BOARD TO BOARD 15P		Q872	8-729-901-98	TRANSISTOR 2SA1036K-R	
CN815	1-506-469-11	PIN, CONNECTOR 4P		Q873	8-729-901-98	TRANSISTOR 2SA1036K-R	
CN816	* 1-564-005-11	PIN, CONNECTOR 6P		Q874	1-801-806-11	TRANSISTOR DTC144EKA-T146	
CN871	1-506-468-11	PIN, CONNECTOR 3P		Q875	1-801-806-11	TRANSISTOR DTC144EKA-T146	
				Q876	1-801-806-11	TRANSISTOR DTC144EKA-T146	
CN873	1-506-475-11	PIN, CONNECTOR 10P		Q877	1-801-806-11	TRANSISTOR DTC144EKA-T146	
	<DIODE>			Q878	8-729-027-23	TRANSISTOR DTA114EKA-T146	
D801	8-719-073-01	DIODE MA111-(K8).S0		Q879	1-801-806-11	TRANSISTOR DTC144EKA-T146	
D802	8-719-073-01	DIODE MA111-(K8).S0			<RESISTOR>		
D803	8-719-158-15	DIODE RD5.6SB					
D804	8-719-158-15	DIODE RD5.6SB		R801	1-216-025-91	RES,CHIP 100 5% 1/10W	
D805	8-719-158-15	DIODE RD5.6SB		R802	1-216-655-11	METAL CHIP 1.5K 0.50% 1/10W	
				R803	1-216-025-91	RES,CHIP 100 5% 1/10W	
D806	8-719-158-15	DIODE RD5.6SB		R804	1-216-655-11	METAL CHIP 1.5K 0.50% 1/10W	
D807	8-719-158-15	DIODE RD5.6SB		R805	1-216-073-00	RES,CHIP 10K 5% 1/10W	
D808	8-719-158-15	DIODE RD5.6SB					
D809	8-719-158-15	DIODE RD5.6SB		R850	1-216-049-91	RES,CHIP 1K 5% 1/10W	
D810	8-719-158-15	DIODE RD5.6SB		R851	1-216-089-91	RES,CHIP 47K 5% 1/10W	
				R852	1-216-049-91	RES,CHIP 1K 5% 1/10W	
D811	8-719-158-15	DIODE RD5.6SB		R853	1-249-381-11	CARBON 1 5% 1/4W F	
D812	8-719-158-15	DIODE RD5.6SB		R871	1-216-294-00	RES,CHIP 10M 5% 1/8W	
D850	8-719-978-04	DIODE DTZ-TT11-3.3B					
D851	8-719-978-04	DIODE DTZ-TT11-3.3B		R872	1-216-049-91	RES,CHIP 1K 5% 1/10W	
D852	8-719-073-01	DIODE MA111-(K8).S0		R873	1-216-065-91	RES,CHIP 4.7K 5% 1/10W	
				R874	1-216-073-00	RES,CHIP 10K 5% 1/10W	
D853	8-719-073-01	DIODE MA111-(K8).S0		R875	1-216-073-00	RES,CHIP 10K 5% 1/10W	
D871	8-719-073-01	DIODE MA111-(K8).S0		R876	1-216-065-91	RES,CHIP 4.7K 5% 1/10W	
D872	8-719-073-01	DIODE MA111-(K8).S0					
D873	8-719-073-01	DIODE MA111-(K8).S0		R877	1-216-097-91	RES,CHIP 100K 5% 1/10W	
D874	8-719-073-01	DIODE MA111-(K8).S0		R878	1-216-009-91	RES,CHIP 22 5% 1/10W	
				R879	1-216-005-00	RES,CHIP 15 5% 1/10W	
D875	8-719-073-01	DIODE MA111-(K8).S0		R880	1-216-009-91	RES,CHIP 22 5% 1/10W	
D876	8-719-073-01	DIODE MA111-(K8).S0		R881	1-216-009-91	RES,CHIP 22 5% 1/10W	
D877	8-719-073-01	DIODE MA111-(K8).S0					
D878	8-719-073-01	DIODE MA111-(K8).S0		R882	1-216-009-91	RES,CHIP 22 5% 1/10W	
D879	8-719-073-01	DIODE MA111-(K8).S0		R883	1-216-009-91	RES,CHIP 22 5% 1/10W	
				R884	1-216-089-91	RES,CHIP 47K 5% 1/10W	
D880	8-719-073-01	DIODE MA111-(K8).S0		R885	1-216-073-00	RES,CHIP 10K 5% 1/10W	
D881	8-719-073-01	DIODE MA111-(K8).S0		R886	1-216-073-00	RES,CHIP 10K 5% 1/10W	
D882	8-719-073-01	DIODE MA111-(K8).S0					
D898	8-719-073-01	DIODE MA111-(K8).S0		R887	1-216-089-91	RES,CHIP 47K 5% 1/10W	
D899	8-719-073-01	DIODE MA111-(K8).S0		R888	1-216-073-00	RES,CHIP 10K 5% 1/10W	
				R889	1-216-037-00	RES,CHIP 330 5% 1/10W	

H2

H6

H5

H1

Ref.No.	Part No.	Description	Remark
R895	1-216-049-91	RES,CHIP 1K 5% 1/10W	
R896	1-216-049-91	RES,CHIP 1K 5% 1/10W	
R897	1-216-049-91	RES,CHIP 1K 5% 1/10W	
R898	1-216-049-91	RES,CHIP 1K 5% 1/10W	
R899	1-216-295-91	SHORT 0	

<CRYSTAL>

X871 1-577-358-21 VIBRATOR, CERAMIC (4MHz)

* A-1372-453-A H6 MOUNT

<CONNECTOR>

CN701 1-506-468-11 PIN, CONNECTOR 3P
CN702 1-506-473-11 PIN, CONNECTOR 8P
CN703 1-506-475-11 PIN, CONNECTOR 10P
CN708 1-506-472-11 PIN, CONNECTOR 7P
CN709 1-506-474-11 PIN, CONNECTOR 9P

CN710 * 1-564-005-11 PIN, CONNECTOR 6P

* A-1372-454-A H5 MOUNT

CN201 1-774-525-11 SOCKET, CONNECTOR 64P
CN202 1-774-525-11 SOCKET, CONNECTOR 64P
CN203 1-569-922-11 SOCKET, CONNECTOR 30P
CN204 1-569-922-11 SOCKET, CONNECTOR 30P
CN205 1-569-922-11 SOCKET, CONNECTOR 30P

CN206 1-506-485-11 PIN, CONNECTOR 6P
CN207 1-506-485-11 PIN, CONNECTOR 6P

* A-1372-455-A H1 MOUNT

<CAPACITOR>

C101 1-128-526-11 ELECT 100μF 20% 16V
C102 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C103 1-104-664-11 ELECT 47μF 20% 16V
C104 1-104-664-11 ELECT 47μF 20% 16V
C105 1-128-526-11 ELECT 100μF 20% 16V

C106 1-163-113-00 CERAMIC CHIP 68pF 5% 50V
C107 1-104-664-11 ELECT 47μF 20% 16V
C108 1-104-664-11 ELECT 47μF 20% 16V
C109 1-104-664-11 ELECT 47μF 20% 16V
C110 1-104-664-11 ELECT 47μF 20% 16V

Ref.No.	Part No.	Description	Remark
C111	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C112	1-107-701-11	ELECT 47μF 20% 16V	
C113	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C114	1-104-664-11	ELECT 47μF 20% 16V	
C115	1-104-664-11	ELECT 47μF 20% 16V	

C116 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C117 1-107-701-11 ELECT 47μF 20% 16V
C118 1-104-664-11 ELECT 47μF 20% 16V
C119 1-104-664-11 ELECT 47μF 20% 16V
C120 1-128-526-11 ELECT 100μF 20% 16V

C121 1-163-113-00 CERAMIC CHIP 68pF 5% 50V
C122 1-104-664-11 ELECT 47μF 20% 16V
C123 1-104-664-11 ELECT 47μF 20% 16V
C124 1-104-664-11 ELECT 47μF 20% 16V
C125 1-104-664-11 ELECT 47μF 20% 16V

C126 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C127 1-107-701-11 ELECT 47μF 20% 16V
C128 1-107-716-11 ELECT 33μF 20% 16V
C129 1-107-716-11 ELECT 33μF 20% 16V
C130 1-107-716-11 ELECT 33μF 20% 16V

C131 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C132 1-128-526-11 ELECT 100μF 20% 16V
C133 1-128-526-11 ELECT 100μF 20% 16V
C134 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C135 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V

C136 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C137 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C138 1-104-664-11 ELECT 47μF 20% 16V
C139 1-163-263-11 CERAMIC CHIP 330pF 5% 50V
C140 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V

C141 1-126-933-11 ELECT 100μF 20% 16V
C142 1-126-933-11 ELECT 100μF 20% 16V
C143 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C144 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C145 1-104-664-11 ELECT 47μF 20% 25V

C146 1-163-253-11 CERAMIC CHIP 120pF 5% 50V
C147 1-163-253-11 CERAMIC CHIP 120pF 5% 50V
C148 1-163-253-11 CERAMIC CHIP 120pF 5% 50V
C181 1-136-177-00 MYLAR 1μF 5% 50V
C182 1-136-177-00 MYLAR 1μF 5% 50V

C183 1-136-177-00 MYLAR 1μF 5% 50V
C184 1-136-177-00 MYLAR 1μF 5% 50V
C187 1-104-665-11 ELECT 100μF 20% 10V
C191 1-136-177-00 MYLAR 1μF 5% 50V
C192 1-136-177-00 MYLAR 1μF 5% 50V

C193 1-136-177-00 MYLAR 1μF 5% 50V
C194 1-136-177-00 MYLAR 1μF 5% 50V
C200 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V
C201 1-164-004-11 CERAMIC CHIP 0.1μF 10% 25V

<CONNECTOR>

CN101 * 1-506-477-11 PIN, CONNECTOR 12P
CN102 1-506-473-11 PIN, CONNECTOR 8P
CN103 * 1-564-005-11 PIN, CONNECTOR 6P
CN104 * 1-774-523-11 PIN, CONNECTOR (PC BOARD) 64P
CN105 1-506-472-11 PIN, CONNECTOR 7P

<DIODE>

D101 8-719-105-91 DIODE RD5.6M-B2

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
D102	8-719-105-91	DIODE RD5.6M-B2		R106	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W
D103	8-719-105-91	DIODE RD5.6M-B2		R107	1-216-639-11	METAL CHIP 330	0.50% 1/10W
D104	8-719-105-91	DIODE RD5.6M-B2		R108	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W
D181	8-719-073-01	DIODE MA111-(K8).S0		R109	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W
				R110	1-216-639-11	METAL CHIP 330	0.50% 1/10W
D182	8-719-073-01	DIODE MA111-(K8).S0		R111	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
D183	8-719-073-01	DIODE MA111-(K8).S0		R112	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
D184	8-719-158-49	DIODE RD12SB2		R113	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
D191	8-719-073-01	DIODE MA111-(K8).S0		R114	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
D192	8-719-073-01	DIODE MA111-(K8).S0		R115	1-216-627-11	METAL CHIP 100	0.50% 1/10W
				R116	1-216-641-11	METAL CHIP 390	0.50% 1/10W
D193	8-719-073-01	DIODE MA111-(K8).S0		R117	1-216-619-11	METAL CHIP 47	0.50% 1/10W
D194	8-719-158-49	DIODE RD12SB2		R118	1-216-641-11	METAL CHIP 390	0.50% 1/10W
	<IC>			R119	1-216-645-11	METAL CHIP 560	0.50% 1/10W
				R120	1-216-643-11	METAL CHIP 470	0.50% 1/10W
IC101	8-759-360-07	IC BA7657F-E2		R121	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
IC102	8-759-383-61	IC TL026CPS-E05		R122	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
IC103	8-759-383-61	IC TL026CPS-E05		R123	1-216-657-11	METAL CHIP 1.8K	0.50% 1/10W
IC104	8-759-970-89	IC BA10358F		R124	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
IC105	8-759-390-38	IC μ PC24M12AHF		R125	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
				R126	1-216-649-11	METAL CHIP 820	0.50% 1/10W
IC106	8-759-366-35	IC TC4W66F (TE12R)		R127	1-216-633-11	METAL CHIP 180	0.50% 1/10W
IC107	8-759-366-35	IC TC4W66F (TE12R)		R128	1-216-649-11	METAL CHIP 820	0.50% 1/10W
	<CHIP CONDUCTOR>			R129	1-216-619-11	METAL CHIP 47	0.50% 1/10W
				R130	1-216-641-11	METAL CHIP 390	0.50% 1/10W
JR102	1-216-295-91	SHORT 0		R131	1-216-637-11	METAL CHIP 270	0.50% 1/10W
	<COIL>			R132	1-216-659-11	METAL CHIP 2.2K	0.50% 1/10W
				R133	1-216-645-11	METAL CHIP 560	0.50% 1/10W
L101	1-408-615-31	INDUCTOR 100 μ H		R134	1-216-643-11	METAL CHIP 470	0.50% 1/10W
	<TRANSISTOR>			R135	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
				R136	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
Q101	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R137	1-216-657-11	METAL CHIP 1.8K	0.50% 1/10W
Q102	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R138	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
Q103	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R139	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
Q104	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R140	1-216-649-11	METAL CHIP 820	0.50% 1/10W
Q105	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R141	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W
				R142	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W
Q106	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R143	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W
Q107	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R144	1-216-639-11	METAL CHIP 330	0.50% 1/10W
Q108	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R145	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W
Q109	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R146	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W
Q110	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R147	1-216-639-11	METAL CHIP 330	0.50% 1/10W
				R148	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
Q111	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R149	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
Q112	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R150	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
Q113	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R151	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
Q114	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R152	1-216-619-11	METAL CHIP 47	0.50% 1/10W
Q181	8-729-216-22	TRANSISTOR 2SA1162-G		R153	1-216-641-11	METAL CHIP 390	0.50% 1/10W
				R154	1-216-619-11	METAL CHIP 47	0.50% 1/10W
Q182	1-801-806-11	TRANSISTOR DTC144EKA-T146		R155	1-216-639-11	METAL CHIP 330	0.50% 1/10W
Q191	8-729-216-22	TRANSISTOR 2SA1162-G		R156	1-216-645-11	METAL CHIP 560	0.50% 1/10W
Q192	1-801-806-11	TRANSISTOR DTC144EKA-T146		R157	1-216-643-11	METAL CHIP 470	0.50% 1/10W
Q200	1-801-806-11	TRANSISTOR DTC144EKA-T146		R158	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
Q201	1-801-806-11	TRANSISTOR DTC144EKA-T146		R159	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
	<RESISTOR>			R160	1-216-657-11	METAL CHIP 1.8K	0.50% 1/10W
				R161	1-218-776-11	METAL CHIP 1M	0.50% 1/10W
R101	1-216-675-91	METAL CHIP 10K	0.50% 1/10W	R162	1-218-776-11	METAL CHIP 1M	0.50% 1/10W
R102	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W	R163	1-218-776-11	METAL CHIP 1M	0.50% 1/10W
R103	1-216-649-11	METAL CHIP 820	0.50% 1/10W	R164	1-216-627-11	METAL CHIP 100	0.50% 1/10W
R104	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W	R165	1-216-627-11	METAL CHIP 100	0.50% 1/10W
R105	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W				

Ref.No.	Part No.	Description	Remark
R166	1-216-619-11	METAL CHIP 47	0.50% 1/10W
R167	1-216-619-11	METAL CHIP 47	0.50% 1/10W
R168	1-216-619-11	METAL CHIP 47	0.50% 1/10W
R169	1-216-631-11	METAL CHIP 150	0.50% 1/10W
R170	1-216-631-11	METAL CHIP 150	0.50% 1/10W
R171	1-216-631-11	METAL CHIP 150	0.50% 1/10W
R172	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
R173	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
R174	1-216-681-11	METAL CHIP 18K	0.50% 1/10W
R175	1-216-657-11	METAL CHIP 1.8K	0.50% 1/10W
R176	1-216-669-11	METAL CHIP 5.6K	0.50% 1/10W
R177	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
R178	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
R179	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
R180	1-216-677-11	METAL CHIP 12K	0.50% 1/10W
R181	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
R182	1-216-619-11	METAL CHIP 47	0.50% 1/10W
R183	1-216-629-11	METAL CHIP 120	0.50% 1/10W
R184	1-216-629-11	METAL CHIP 120	0.50% 1/10W
R185	1-216-629-11	METAL CHIP 120	0.50% 1/10W
R188	1-216-081-00	RES,CHIP 22K	5% 1/10W
R191	1-216-699-91	METAL CHIP 100K	0.50% 1/10W
R192	1-216-693-11	METAL CHIP 56K	0.50% 1/10W
R193	1-216-695-11	METAL CHIP 68K	0.50% 1/10W
R194	1-216-659-11	METAL CHIP 2.2K	0.50% 1/10W
R195	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
R196	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
R197	1-216-679-11	METAL CHIP 15K	0.50% 1/10W
R201	1-216-699-91	METAL CHIP 100K	0.50% 1/10W
R202	1-216-693-11	METAL CHIP 56K	0.50% 1/10W
R203	1-216-695-11	METAL CHIP 68K	0.50% 1/10W
R204	1-216-659-11	METAL CHIP 2.2K	0.50% 1/10W
R205	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
R206	1-216-651-11	METAL CHIP 1K	0.50% 1/10W
R207	1-216-679-11	METAL CHIP 15K	0.50% 1/10W
R210	1-216-619-11	METAL CHIP 47	0.50% 1/10W
R211	1-216-645-11	METAL CHIP 560	0.50% 1/10W
R212	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
R213	1-216-657-11	METAL CHIP 1.8K	0.50% 1/10W
R214	1-216-613-11	METAL CHIP 27	0.50% 1/10W
R215	1-216-649-11	METAL CHIP 820	0.50% 1/10W
R216	1-216-653-11	METAL CHIP 1.2K	0.50% 1/10W
R217	1-216-671-11	METAL CHIP 6.8K	0.50% 1/10W
R218	1-216-675-91	METAL CHIP 10K	0.50% 1/10W
R219	1-216-675-91	METAL CHIP 10K	0.50% 1/10W

* A-1373-670-A UA MOUNT

<CAPACITOR>

C1101	1-126-382-11	ELECT 100μF	20% 6.3V
C1102	1-163-031-11	CERAMIC CHIP 0.01μF	50V

Ref.No.	Part No.	Description	Remark
<CONNECTOR>			
CN1101	* 1-564-519-11	PLUG, CONNECTOR"	4P
CN1102	* 1-564-524-11	PLUG, CONNECTOR"	9P
<DIODE>			
D1101	8-719-110-17	DIODE RD10ESB2	
D1102	8-719-110-17	DIODE RD10ESB2	
D1103	8-719-073-01	DIODE MA111-(K8).S0	
D1111	8-719-150-92	DIODE RD33EB3T	
D1112	8-719-150-92	DIODE RD33EB3T	
D1113	8-719-150-92	DIODE RD33EB3T	
D1114	8-719-150-92	DIODE RD33EB3T	
D1115	8-719-110-17	DIODE RD10ESB2	
D1116	8-719-110-17	DIODE RD10ESB2	
<JACK>			
J1101	1-573-969-11	JACK BLOCK, PIN (MONITOR OUT, AUDIO L/R)	
J1102	1-695-605-11	JACK, MINIATURE (CONTROL S, OUT)	
J1103	1-695-605-11	JACK, MINIATURE (CONTROL S, IN)	
<COIL>			
L1101	1-422-613-11	COIL, AIR CORE	
L1102	1-422-613-11	COIL, AIR CORE	
L1103	1-422-613-11	COIL, AIR CORE	
L1104	1-422-613-11	COIL, AIR CORE	
<TRANSISTOR>			
Q1101	8-729-027-38	TRANSISTOR DTA144EKA-T146	
Q1102	1-801-806-11	TRANSISTOR DTC144EKA-T146	
Q1103	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
<RESISTOR>			
R1101	1-216-097-91	RES,CHIP 100K	5% 1/10W
R1102	1-216-097-91	RES,CHIP 100K	5% 1/10W
R1103	1-216-025-91	RES,CHIP 100	5% 1/10W
R1104	1-216-049-91	RES,CHIP 1K	5% 1/10W
R1105	1-216-049-91	RES,CHIP 1K	5% 1/10W
R1106	1-216-049-91	RES,CHIP 1K	5% 1/10W
R1107	1-216-057-00	RES,CHIP 2.2K	5% 1/10W
R1108	1-216-057-00	RES,CHIP 2.2K	5% 1/10W
R1111	1-216-025-91	RES,CHIP 100	5% 1/10W
R1112	1-216-025-91	RES,CHIP 100	5% 1/10W
<TERMINAL BOARD>			
TB1101	1-537-187-11	TERMINAL, PUSH (4P) (SPEAKERS 6-16 Ω, L/R)	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
* A-1373-671-A UJ MOUNT *****				D926	8-719-402-16	DIODE MA3100-TX	
				D927	8-719-402-16	DIODE MA3100-TX	
				D928	8-719-800-76	DIODE 1SS226	
				D929	8-719-800-76	DIODE 1SS226	
				D930	8-719-800-76	DIODE 1SS226	
				D933	8-719-402-16	DIODE MA3100-TX	
				D934	8-719-402-16	DIODE MA3100-TX	
<CAPACITOR>				D940	8-719-976-96	DIODE DTZ4.7C	
C901	1-126-786-11	ELECT	47μF 20% 16V	D941	8-719-976-96	DIODE DTZ4.7C	
C902	1-126-786-11	ELECT	47μF 20% 16V	D942	8-719-976-96	DIODE DTZ4.7C	
C903	1-163-021-91	CERAMIC CHIP	0.01μF 10% 50V	D943	8-719-976-96	DIODE DTZ4.7C	
C904	1-126-791-11	ELECT	10μF 20% 16V	D944	8-719-976-96	DIODE DTZ4.7C	
C905	1-126-791-11	ELECT	10μF 20% 16V	D945	8-719-976-96	DIODE DTZ4.7C	
C921	1-126-786-11	ELECT	47μF 20% 16V	D946	8-719-976-96	DIODE DTZ4.7C	
C922	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	D947	8-719-976-96	DIODE DTZ4.7C	
C923	1-126-786-11	ELECT	47μF 20% 16V	D951	8-719-025-47	DIODE 02CZ12-TE85L	
C924	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	D952	8-719-025-47	DIODE 02CZ12-TE85L	
C925	1-126-786-11	ELECT	47μF 20% 16V	D953	8-719-025-47	DIODE 02CZ12-TE85L	
C926	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	D954	8-719-025-47	DIODE 02CZ12-TE85L	
C927	1-107-714-11	ELECT	10μF 20% 16V	<IC>			
C928	1-107-701-11	ELECT	47μF 20% 16V	IC903	8-759-446-66	IC MM1113XFBE	
C929	1-126-791-11	ELECT	10μF 20% 16V	IC904	8-759-446-66	IC MM1113XFBE	
C930	1-126-791-11	ELECT	10μF 20% 16V	IC905	8-759-360-07	IC BA7657F-E2	
C931	1-126-786-11	ELECT	47μF 20% 16V	IC906	8-759-011-64	IC MC74HC4052F	
C932	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	<JACK>			
C933	1-126-786-11	ELECT	47μF 20% 16V	J901	1-694-453-11	TERMINAL BOARD ASSY, I/O (LINE/RGB2, IN/OUT)	
C934	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	J903	1-569-578-11	TERMINAL, S (WITH SW) (LINE, Y/C OUT)	
C935	1-126-786-11	ELECT	47μF 20% 16V	J905	1-694-452-11	TERMINAL BOARD ASSY, I/O (RGB1, IN/OUT)	
C936	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	<TRANSISTOR>			
C937	1-107-714-11	ELECT	10μF 20% 16V	Q901	8-729-027-38	TRANSISTOR DTA144EKA-T146	
C938	1-107-701-11	ELECT	47μF 20% 16V	Q902	8-729-027-38	TRANSISTOR DTA144EKA-T146	
C939	1-126-791-11	ELECT	10μF 20% 16V	Q903	8-729-027-38	TRANSISTOR DTA144EKA-T146	
C940	1-126-791-11	ELECT	10μF 20% 16V	Q904	1-801-806-11	TRANSISTOR DTC144EKA-T146	
C941	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	Q905	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C951	1-165-319-11	CERAMIC CHIP	0.1μF 50V	Q906	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C952	1-126-786-11	ELECT	47μF 20% 16V	<RESISTOR>			
C953	1-165-319-11	CERAMIC CHIP	0.1μF 50V	R901	1-216-295-91	SHORT 0	
C971	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	R902	1-216-295-91	SHORT 0	
C972	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	R903	1-216-025-91	RES,CHIP 100 5% 1/10W	
C973	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	R905	1-215-394-00	METAL 75 1% 1/4W	
C974	1-126-786-11	ELECT	47μF 20% 16V	R906	1-216-624-11	METAL CHIP 75 0.50% 1/10W	
C981	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	R907	1-216-089-91	RES,CHIP 47K 5% 1/10W	
C982	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	R909	1-216-089-91	RES,CHIP 47K 5% 1/10W	
C990	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	R915	1-216-624-11	METAL CHIP 75 0.50% 1/10W	
C991	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	R916	1-216-624-11	METAL CHIP 75 0.50% 1/10W	
<CONNECTOR>				R917	1-216-624-11	METAL CHIP 75 0.50% 1/10W	
CN901	1-506-485-11	PIN, CONNECTOR 6P		R918	1-216-057-00	RES,CHIP 2.2K 5% 1/10W	
CN902	1-506-494-11	PIN, CONNECTOR 15P		R919	1-216-033-00	RES,CHIP 220 5% 1/10W	
CN903	1-506-491-11	PIN, CONNECTOR 12P		R921	1-216-057-00	RES,CHIP 2.2K 5% 1/10W	
CN905	1-750-628-11	SOCKET, DIN 8P (REMOTE, RS-232C)		R922	1-216-033-00	RES,CHIP 220 5% 1/10W	
<DIODE>							
D901	8-719-402-16	DIODE MA3100-TX					
D902	8-719-402-16	DIODE MA3100-TX					
D903	8-719-402-16	DIODE MA3100-TX					
D904	8-719-402-16	DIODE MA3100-TX					
D905	8-719-402-16	DIODE MA3100-TX					
D921	8-719-800-76	DIODE 1SS226					
D922	8-719-800-76	DIODE 1SS226					
D923	8-719-800-76	DIODE 1SS226					



Ref.No.	Part No.	Description	Remark
R924	1-216-089-91	RES,CHIP 47K 5% 1/10W	
R926	1-216-089-91	RES,CHIP 47K 5% 1/10W	
R928	1-216-624-11	METAL CHIP 75 0.50% 1/10W	
R929	1-216-624-11	METAL CHIP 75 0.50% 1/10W	
R930	1-216-624-11	METAL CHIP 75 0.50% 1/10W	
R931	1-216-057-00	RES,CHIP 2.2K 5% 1/10W	
R932	1-216-033-00	RES,CHIP 220 5% 1/10W	
R934	1-216-057-00	RES,CHIP 2.2K 5% 1/10W	
R935	1-216-033-00	RES,CHIP 220 5% 1/10W	
R937	1-216-089-91	RES,CHIP 47K 5% 1/10W	
R939	1-216-089-91	RES,CHIP 47K 5% 1/10W	
R941	1-216-081-00	RES,CHIP 22K 5% 1/10W	
R942	1-216-081-00	RES,CHIP 22K 5% 1/10W	
R943	1-216-121-91	RES,CHIP 1M 5% 1/10W	
R944	1-216-121-91	RES,CHIP 1M 5% 1/10W	
R945	1-216-121-91	RES,CHIP 1M 5% 1/10W	
R946	1-216-295-91	SHORT 0	
R947	1-216-295-91	SHORT 0	
R948	1-216-295-91	SHORT 0	
R949	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R950	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R951	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R952	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R971	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R985	1-216-025-91	RES,CHIP 100 5% 1/10W	
R986	1-216-025-91	RES,CHIP 100 5% 1/10W	
R987	1-216-295-91	SHORT 0	
R988	1-216-295-91	SHORT 0	
R990	1-216-295-91	SHORT 0	
R991	1-215-394-00	METAL 75 1% 1/4W	
R995	1-216-025-91	RES,CHIP 100 5% 1/10W	
R996	1-216-025-91	RES,CHIP 100 5% 1/10W	

* A-1373-737-A YM MOUNT

<CAPACITOR>

C6501	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C6502	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C6503	1-163-275-11	CERAMIC CHIP 0.001μF 5% 50V	
C6504	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C6506	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C6507	1-126-968-11	ELECT 100μF 20% 50V	
C6509	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C6510	1-126-396-11	ELECT CHIP 47μF 20% 16V	
C6511	1-126-396-11	ELECT CHIP 47μF 20% 16V	
C6514	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C6515	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V	
C6516	1-164-346-11	CERAMIC CHIP 1μF 16V	
C6517	1-126-394-11	ELECT CHIP 10μF 20% 16V	

<CONNECTOR>

CN6501	1-774-552-11	CONNECTOR, BOARD TO BOARD 10P
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Ref.No.	Part No.	Description	Remark
CN6502	1-774-552-11	CONNECTOR, BOARD TO BOARD 10P	
CN6503	* 1-564-005-11	PIN, CONNECTOR 6P	
CN6504	1-506-480-11	PIN, CONNECTOR 15P	
		<DIODE>	
D6501	8-719-059-22	DIODE NSQ03A06-TE16L	
		<FERRITE BEAD>	
FB6501	1-410-396-41	FERRITE 0.45μH	
		<IC>	
IC6501	8-759-981-65	IC LM2903M	
IC6502	8-759-970-89	IC BA10358F	
		<COIL>	
L6501	1-406-666-21	INDUCTOR 150μH	
L6502	1-406-666-21	INDUCTOR 150μH	
		<TRANSISTOR>	
Q6501	8-729-041-37	TRANSISTOR 2SJ377 (TE16L)	
Q6502	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6503	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q6504	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q6505	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q6506	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
		<RESISTOR>	
R6501	1-216-071-00	RES,CHIP 8.2K 5% 1/10W	
R6503	1-216-295-91	SHORT 0	
R6504	1-216-025-91	RES,CHIP 100 5% 1/10W	
R6505	1-216-059-00	RES,CHIP 2.7K 5% 1/10W	
R6506	1-249-381-11	CARBON 1 5% 1/4W F	
R6507	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R6508	1-216-001-00	RES,CHIP 10 5% 1/10W	
R6509	1-218-753-11	METAL CHIP 110K 0.50% 1/10W	
R6510	1-216-687-11	METAL CHIP 33K 0.50% 1/10W	
R6511	1-218-753-11	METAL CHIP 110K 0.50% 1/10W	
R6513	1-216-659-11	METAL CHIP 2.2K 0.50% 1/10W	
R6514	1-216-699-91	METAL CHIP 100K 0.50% 1/10W	
R6515	1-216-675-91	METAL CHIP 10K 0.50% 1/10W	
R6516	1-216-663-11	METAL CHIP 3.3K 0.50% 1/10W	
R6517	1-216-673-11	METAL CHIP 8.2K 0.50% 1/10W	
R6522	1-216-679-11	METAL CHIP 15K 0.50% 1/10W	
R6523	1-216-691-11	METAL CHIP 47K 0.50% 1/10W	
R6524	1-216-075-00	RES,CHIP 12K 5% 1/10W	
R6525	1-216-295-91	SHORT 0	
R6526	1-216-295-91	SHORT 0	



Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
* A-1380-574-A K MOUNT *****				<IC>			
	3-961-055-01	SCREW (3X8) (EXT TOOTH)		IC501	8-759-346-93	IC TA8184F(EL)	
	7-682-949-09	SCREW +PSW 3X10		IC502	8-759-168-24	IC TA8200AH	
<CAPACITOR>				<COIL>			
C501	1-104-664-11	ELECT	47μF 20% 16V	L501	1-408-615-31	INDUCTOR 100μH	
C502	1-163-035-00	CERAMIC CHIP	0.047μF 50V	<TRANSISTOR>			
C503	1-126-394-11	ELECT CHIP	10μF 20% 16V	Q501	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C504	1-126-394-11	ELECT CHIP	10μF 20% 16V	Q502	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C505	1-163-017-00	CERAMIC CHIP	0.0047μF 10% 50V	Q503	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C506	1-163-017-00	CERAMIC CHIP	0.0047μF 10% 50V	Q504	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C507	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	Q505	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
C508	1-164-004-11	CERAMIC CHIP	0.1μF 10% 25V	<RESISTOR>			
C509	1-126-394-11	ELECT CHIP	10μF 20% 16V	R501	1-216-033-00	RES,CHIP 220 5% 1/10W	
C510	1-126-394-11	ELECT CHIP	10μF 20% 16V	R502	1-216-033-00	RES,CHIP 220 5% 1/10W	
C511	1-126-401-21	ELECT CHIP	1μF 20% 50V	R503	1-216-049-91	RES,CHIP 1K 5% 1/10W	
C512	1-126-396-11	ELECT CHIP	47μF 20% 16V	R504	1-216-081-00	RES,CHIP 22K 5% 1/10W	
C513	1-126-401-21	ELECT CHIP	1μF 20% 50V	R505	1-216-097-91	RES,CHIP 100K 5% 1/10W	
C514	1-126-401-21	ELECT CHIP	1μF 20% 50V	R506	1-216-063-91	RES,CHIP 3.9K 5% 1/10W	
C515	1-163-809-11	CERAMIC CHIP	0.047μF 10% 25V	R507	1-216-081-00	RES,CHIP 22K 5% 1/10W	
C516	1-126-401-21	ELECT CHIP	1μF 20% 50V	R508	1-216-081-00	RES,CHIP 22K 5% 1/10W	
C517	1-126-398-11	ELECT CHIP	4.7μF 20% 35V	R509	1-216-063-91	RES,CHIP 3.9K 5% 1/10W	
C518	1-126-964-11	ELECT	10μF 20% 50V	R510	1-216-081-00	RES,CHIP 22K 5% 1/10W	
C519	1-126-964-11	ELECT	10μF 20% 50V	R511	1-216-081-00	RES,CHIP 22K 5% 1/10W	
C520	1-126-964-11	ELECT	10μF 20% 50V	R512	1-216-089-91	RES,CHIP 47K 5% 1/10W	
C521	1-126-964-11	ELECT	10μF 20% 50V	R513	1-216-089-91	RES,CHIP 47K 5% 1/10W	
C522	1-126-953-11	ELECT	2200μF 20% 35V	R514	1-216-081-00	RES,CHIP 22K 5% 1/10W	
C523	1-107-909-11	ELECT	47μF 20% 35V	R515	1-216-061-00	RES,CHIP 3.3K 5% 1/10W	
C524	1-126-964-11	ELECT	10μF 20% 50V	R516	1-216-061-00	RES,CHIP 3.3K 5% 1/10W	
C525	1-126-964-11	ELECT	10μF 20% 50V	R517	1-216-033-00	RES,CHIP 220 5% 1/10W	
C526	1-126-947-11	ELECT	47μF 20% 35V	R518	1-216-033-00	RES,CHIP 220 5% 1/10W	
C527	1-126-947-11	ELECT	47μF 20% 35V	R519	1-216-019-00	RES,CHIP 56 5% 1/10W	
C528	1-126-947-11	ELECT	47μF 20% 35V	R520	1-216-065-91	RES,CHIP 4.7K 5% 1/10W	
C529	1-126-953-11	ELECT	2200μF 20% 35V	R521	1-216-065-91	RES,CHIP 4.7K 5% 1/10W	
C530	1-126-953-11	ELECT	2200μF 20% 35V	R522	1-216-019-00	RES,CHIP 56 5% 1/10W	
C531	1-136-165-00	MYLAR	0.1μF 5% 50V	R523	1-216-097-91	RES,CHIP 100K 5% 1/10W	
C532	1-136-165-00	MYLAR	0.1μF 5% 50V	R524	1-249-385-11	CARBON 2.2 5% 1/4W F	
C533	1-163-009-11	CERAMIC CHIP	0.001μF 10% 50V	R525	1-216-097-91	RES,CHIP 100K 5% 1/10W	
C534	1-163-009-11	CERAMIC CHIP	0.001μF 10% 50V	R526	1-216-097-91	RES,CHIP 100K 5% 1/10W	
C535	1-163-133-00	CERAMIC CHIP	470pF 5% 50V	R527	1-249-385-11	CARBON 2.2 5% 1/4W F	
C536	1-163-133-00	CERAMIC CHIP	470pF 5% 50V	R528	1-216-081-00	RES,CHIP 22K 5% 1/10W	
C537	1-126-964-11	ELECT	10μF 20% 50V	R529	1-216-081-00	RES,CHIP 22K 5% 1/10W	
C538	1-104-664-11	ELECT	47μF 20% 16V	*****			
C539	1-104-664-11	ELECT	47μF 20% 16V				
<CONNECTOR>							
CN501	1-506-472-11	PIN, CONNECTOR 7P					
CN502	1-506-469-11	PIN, CONNECTOR 4P					
CN503	1-506-474-11	PIN, CONNECTOR 9P					
<DIODE>							
D501	8-719-073-01	DIODE MA111-(K8).S0					
D502	8-719-110-83	DIODE RD36ESB2					
D503	8-719-510-48	DIODE D1N20R					
D504	8-719-510-48	DIODE D1N20R					

S1 APS-132 M

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
* A-1390-878-A S1 MOUNT *****				Q102	8-729-035-65	TRANSISTOR 2SK2370(2)	
<CAPACITOR>				<THERMISTOR>			
C1201	1-126-392-11	ELECT CHIP 100μF 20% 6.3V		THP100	1-809-789-61	THERMISTOR, POSITIVE	
C1202	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V		THP101	1-809-789-51	THERMISTOR, POSITIVE	
C1203	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V		<u>HEAT SINK B ASSY</u>			
C1204	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V		2-434-993-21	SCREW (3X6), RS TIGHT SPRING		
C1205	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V			WASHER		
C1206	1-126-933-11	ELECT 100μF 20% 16V		<TRANSISTOR>			
C1207	1-136-177-00	MYLAR 1μF 5% 50V		Q502	8-729-035-65	TRANSISTOR 2SK2370(2)	
C1208	1-164-004-11	CERAMIC CHIP 0.1μF 10% 25V		Q503	8-729-035-65	TRANSISTOR 2SK2370(2)	
C1210	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V		Q702	8-729-035-65	TRANSISTOR 2SK2370(2)	
<CONNECTOR>				Q703	8-729-035-65	TRANSISTOR 2SK2370(2)	
CN1201	1-506-472-11	PIN, CONNECTOR 7P		<u>HEAT SINK C ASSY</u>			
CN1202	1-506-468-11	PIN, CONNECTOR 3P		2-434-993-21	SCREW (3X6), RS TIGHT SPRING		
<IC>					WASHER		
IC1201	8-759-947-34	IC LM35DZ		2-625-794-01	RUBBER (TO-3P), INSULATING		
IC1202	8-759-510-71	IC BA10358F-E2		<DIODE>			
IC1203	8-759-198-31	IC μPC1093J-1-T		D200	8-719-062-31	DIODE 20DL2C41A	
IC1204	8-759-981-48	TL082M		D250	8-719-061-49	DIODE FCH20A10	
<RESISTOR>				D251	8-719-075-55	DIODE FCH30A06	
R1201	1-216-627-11	METAL CHIP 100 0.50% 1/10W		D252	8-719-074-61	DIODE FCH30A04	
R1202	1-216-659-11	METAL CHIP 2.2K 0.50% 1/10W		<IC>			
R1203	1-216-671-11	METAL CHIP 6.8K 0.50% 1/10W		IC251	8-759-098-24	IC PQ30RV11	
R1204	1-216-025-91	RES,CHIP 100 5% 1/10W		IC253	8-759-098-24	IC PQ30RV11	
R1205	1-216-065-91	RES,CHIP 4.7K 5% 1/10W		IC254	8-759-284-06	IC PQ30RV31	
R1208	1-218-770-11	METAL CHIP 560K 0.50% 1/10W		<TRANSISTOR>			
R1210	1-216-295-91	SHORT 0		Q204	8-729-047-67	TRANSISTOR 2SK3142-01	
R1212	1-216-295-91	SHORT 0		Q207	8-729-047-67	TRANSISTOR 2SK3142-01	
*****				<u>HEAT SINK D ASSY</u>			
* 1-468-447-11 SWITCHING REGULATOR (APS-132 M BOARD) *****				2-434-993-21	SCREW (3X6), RS TIGHT SPRING		
<u>HEAT SINK A ASSY</u>					WASHER		
2-434-993-21	SCREW (3X6), RS TIGHT SPRING			<TRANSISTOR>			
	WASHER			Q105	8-729-047-46	TRANSISTOR FS7KM-16A	
<DIODE>				Q152	8-729-039-41	TRANSISTOR FS10KM-10	
D101	△8-719-073-32	DIODE D25XB60		Q153	8-729-039-41	TRANSISTOR FS10KM-10	
D102	8-719-073-56	TRIAC BT139X-600		<u>HEAT SINK E ASSY</u>			
D104	8-719-073-58	DIODE 20JL2C41A		2-434-993-21	SCREW (3X6), RS TIGHT SPRING		
D105	8-719-073-58	DIODE 20JL2C41A			WASHER		
<TRANSISTOR>				<DIODE>			
Q100	8-729-035-65	TRANSISTOR 2SK2370(2)		D400	8-719-073-58	DIODE 20JL2C41A	
Q101	8-729-035-65	TRANSISTOR 2SK2370(2)		D401	8-719-073-58	DIODE 20JL2C41A	
				D604	8-719-077-10	DIODE 20FL2C41A	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<CAPACITOR>				C215	1-117-301-51	ELECT 820μF 20% 16V	
C100	△1-115-380-91	CERAMIC 100pF 10% 125V		C250	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C101	△1-115-380-91	CERAMIC 100pF 10% 125V		C252	1-117-276-51	ELECT 1500μF 20% 10V	
C102	△1-113-920-91	CERAMIC 2200pF 20% 250V		C253	1-117-329-51	ELECT 1500μF 20% 25V	
C103	△1-113-920-91	CERAMIC 2200pF 20% 250V		C254	1-117-329-51	ELECT 1500μF 20% 25V	
C104	△1-131-955-51	FILM 1.5μF 10% 275V		C255	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C105	△1-125-933-51	FILM 1μF 10% 275V		C256	1-117-344-51	ELECT 1000μF 20% 35V	
C107	△1-125-933-51	FILM 1μF 10% 275V		C257	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C108	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V		C258	1-115-185-11	CERAMIC 0.033μF 10% 50V	
C109	1-127-822-51	FILM 1μF 10% 420V		C259	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C110	1-127-822-51	FILM 1μF 10% 420V		C260	1-117-266-91	ELECT 470μF 20% 10V	
C111	1-127-822-51	FILM 1μF 10% 420V		C261	1-117-325-91	ELECT 330μF 20% 25V	
C112	1-165-127-11	CERAMIC 470pF 10% 500V		C262	1-117-328-51	ELECT 820μF 20% 25V	
C113	1-165-127-11	CERAMIC 470pF 10% 500V		C263	1-117-355-51	ELECT 560μF 20% 35V	
C114	1-117-716-51	FILM 2.2μF 10% 420V		C264	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C115	1-131-942-11	ELECT 270μF 30% 450V		C268	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C116	1-131-942-11	ELECT 270μF 30% 450V		C300	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C117	1-113-920-11	CERAMIC 2200pF 20% 250V		C301	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C118	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V		C302	1-107-823-11	CERAMIC CHIP 0.47μF 10% 16V	
C119	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V		C303	1-163-133-00	CERAMIC CHIP 470pF 5% 50V	
C120	1-115-340-11	CERAMIC CHIP 0.22μF 10% 25V		C304	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V	
C121	1-163-263-91	CERAMIC CHIP 330pF 5% 50V		C305	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V	
C122	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V		C306	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V	
C123	1-164-645-11	CERAMIC 1000pF 10% 500V		C307	1-107-909-11	ELECT 47μF 20% 50V	
C124	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V		C308	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C125	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V		C309	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C150	1-136-165-00	FILM 0.1μF 5% 50V		C310	1-107-909-11	ELECT 47μF 20% 50V	
C151	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V		C311	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C152	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V		C312	1-104-760-11	CERAMIC CHIP 0.047μF 10% 50V	
C153	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V		C313	1-163-143-00	CERAMIC 1200pF 5% 50V	
C154	1-107-909-11	ELECT 47μF 20% 50V		C314	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C155	1-115-340-11	CERAMIC CHIP 0.22μF 10% 25V		C315	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C156	1-117-351-91	ELECT 82μF 20% 35V		C316	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C157	1-117-350-91	ELECT 56μF 20% 35V		C317	1-115-340-11	CERAMIC CHIP 0.22μF 10% 25V	
C158	1-163-133-00	CERAMIC CHIP 470pF 5% 50V		C400	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C159	1-163-133-00	CERAMIC CHIP 470pF 5% 50V		C401	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C160	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V		C402	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C161	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V		C404	1-163-037-11	CERAMIC CHIP 0.022μF 10% 50V	
C162	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V		C405	1-164-344-11	CERAMIC CHIP 0.068μF 10% 25V	
C163	1-163-263-91	CERAMIC CHIP 330pF 5% 50V		C406	1-131-944-11	ELECT 470μF 20% 200V	
C164	1-163-017-00	CERAMIC CHIP 4700pF 10% 50V		C407	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C165	1-117-350-91	ELECT 56μF 20% 35V		C408	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C166	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V		C409	1-117-272-11	ELECT 180μF 20% 10V	
C167	1-127-761-11	FILM 0.0082μF 5% 1.25KV		C410	1-107-906-11	ELECT 10μF 20% 50V	
C169	1-107-903-11	ELECT 2.2μF 20% 50V		C411	1-107-906-11	ELECT 10μF 20% 50V	
C170	△1-113-924-91	CERAMIC 4700pF 20% 250V		C412	1-107-906-11	ELECT 10μF 20% 50V	
C171	△1-113-924-91	CERAMIC 4700pF 20% 250V		C413	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C200	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V		C414	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C201	1-117-279-51	ELECT 3900μF 20% 10V		C415	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C202	1-117-350-91	ELECT 56μF 20% 35V		C416	1-163-021-91	CERAMIC CHIP 0.01μF 10% 50V	
C204	1-117-279-51	ELECT 3900μF 20% 10V		C417	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C205	1-117-325-91	ELECT 330μF 20% 25V		C418	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C206	1-117-301-51	ELECT 820μF 20% 16V		C419	1-131-943-11	ELECT 1200μF 30% 200V	
C207	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V		C420	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C208	1-107-904-11	ELECT 3.3μF 20% 50V		C422	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C209	1-163-037-11	CERAMIC CHIP 0.022μF 10% 50V		C423	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V	
C210	1-117-247-91	ELECT 820μF 20% 6.3V		C500	1-127-822-51	FILM 1μF 10% 420V	
C211	1-107-904-11	ELECT 3.3μF 20% 50V		C501	1-127-835-11	ELECT 22μF 20% 450V	
C212	1-117-247-91	ELECT 820μF 20% 6.3V		C502	1-136-165-00	FILM 0.1μF 5% 50V	
C214	1-117-247-91	ELECT 820μF 20% 6.3V		C503	1-163-275-11	CERAMIC CHIP 1000pF 5% 50V	

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C504	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	<CONNECTOR>			
C505	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	CN1	* 1-691-960-11	PIN, CONNECTOR 3P	
C506	1-107-909-11	ELECT 47μF 20%	50V	CN2	* 1-580-843-11	PIN, CONNECTOR (POWER)	
C507	1-163-133-00	CERAMIC CHIP 470pF 5%	50V	CN4	* 1-691-757-11	PIN, CONNECTOR 8P	
C508	1-163-133-00	CERAMIC CHIP 470pF 5%	50V	CN5	* 1-770-291-11	PIN, CONNECTOR 7P	
C509	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	CN6	* 1-564-507-11	PLUG, CONNECTOR 4P	
C510	1-115-340-11	CERAMIC CHIP 0.22μF 10%	25V	CN7	* 1-564-596-11	PLUG, CONNECTOR 15P	
C511	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	CN8	* 1-564-511-11	PLUG, CONNECTOR 8P	
C512	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	<DIODE>			
C513	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D100	△ 8-719-055-11	DIODE 05NH46	
C514	1-163-263-91	CERAMIC CHIP 330pF 5%	50V	D103	△ 8-719-055-11	DIODE 05NH46	
C515	1-115-340-11	CERAMIC CHIP 0.22μF 10%	25V	D106	8-719-988-61	DIODE 1SS355TE-17	
C516	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D107	8-719-056-84	DIODE UDZ-TE-17-7.5B	
C517	1-131-924-11	FILM 0.068μF 5%	1.25KV	D108	8-719-071-79	DIODE HZU22B2TRF	
C518	1-131-924-11	FILM 0.068μF 5%	1.25KV	D109	8-719-988-61	DIODE 1SS355TE-17	
C519	1-131-924-11	FILM 0.068μF 5%	1.25KV	D110	8-719-313-16	DIODE AU02A	
C600	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D111	8-719-313-16	DIODE AU02A	
C601	1-163-021-91	CERAMIC CHIP 0.01μF 10%	50V	D112	8-719-988-61	DIODE 1SS355TE-17	
C602	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D113	8-719-063-70	DIODE D1NL20U	
C604	1-131-945-11	ELECT 470μF 20%	100V	D114	8-719-063-70	DIODE D1NL20U	
C605	1-104-760-11	CERAMIC CHIP 0.047μF 10%	50V	D116	8-719-071-81	DIODE HZU30BTRF	
C606	1-164-344-11	CERAMIC CHIP 0.068μF 10%	25V	D150	8-719-988-61	DIODE 1SS355TE-17	
C607	1-131-945-11	ELECT 470μF 20%	100V	D151	8-719-988-61	DIODE 1SS355TE-17	
C608	1-163-021-91	CERAMIC CHIP 0.01μF 10%	50V	D152	8-719-988-61	DIODE 1SS355TE-17	
C609	1-163-021-91	CERAMIC CHIP 0.01μF 10%	50V	D153	8-719-063-70	DIODE D1NL20U	
C610	1-107-906-11	ELECT 10μF 20%	50V	D154	8-719-988-61	DIODE 1SS355TE-17	
C611	1-117-272-11	ELECT 180μF 20%	10V	D155	8-719-988-61	DIODE 1SS355TE-17	
C612	1-107-906-11	ELECT 10μF 20%	50V	D201	8-719-063-70	DIODE D1NL20U	
C613	1-107-906-11	ELECT 10μF 20%	50V	D202	8-719-063-70	DIODE D1NL20U	
C614	1-163-021-91	CERAMIC CHIP 0.01μF 10%	50V	D203	8-719-988-61	DIODE 1SS355TE-17	
C615	1-163-021-91	CERAMIC CHIP 0.01μF 10%	50V	D205	8-719-071-94	DIODE HRU0103ATRF	
C616	1-163-021-91	CERAMIC CHIP 0.01μF 10%	50V	D206	8-719-071-94	DIODE HRU0103ATRF	
C617	1-163-021-91	CERAMIC CHIP 0.01μF 10%	50V	D253	8-719-988-61	DIODE 1SS355TE-17	
C618	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D254	8-719-988-61	DIODE 1SS355TE-17	
C619	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D255	8-719-988-61	DIODE 1SS355TE-17	
C620	1-131-945-11	ELECT 470μF 20%	100V	D256	8-719-988-61	DIODE 1SS355TE-17	
C621	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D257	8-719-988-61	DIODE 1SS355TE-17	
C623	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D258	8-719-988-61	DIODE 1SS355TE-17	
C624	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D259	8-719-988-61	DIODE 1SS355TE-17	
C700	1-127-822-51	FILM 1μF 10%	420V	D260	8-719-988-61	DIODE 1SS355TE-17	
C701	1-127-835-11	ELECT 22μF 20%	450V	D261	8-719-988-61	DIODE 1SS355TE-17	
C702	1-136-165-00	FILM 0.1μF 5%	50V	D262	8-719-988-61	DIODE 1SS355TE-17	
C703	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	D263	8-719-988-61	DIODE 1SS355TE-17	
C704	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	D300	8-719-056-84	DIODE UDZ-TE-17-7.5B	
C705	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	D301	8-719-071-94	DIODE HRU0103ATRF	
C706	1-107-909-11	ELECT 47μF 20%	50V	D302	8-719-071-94	DIODE HRU0103ATRF	
C707	1-163-133-00	CERAMIC CHIP 470pF 5%	50V	D303	8-719-056-84	DIODE UDZ-TE-17-7.5B	
C708	1-163-133-00	CERAMIC CHIP 470pF 5%	50V	D304	8-719-071-94	DIODE HRU0103ATRF	
C709	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D305	8-719-988-61	DIODE 1SS355TE-17	
C710	1-115-340-11	CERAMIC CHIP 0.22μF 10%	25V	D306	8-719-988-61	DIODE 1SS355TE-17	
C711	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	D307	8-719-988-61	DIODE 1SS355TE-17	
C712	1-163-275-11	CERAMIC CHIP 1000pF 5%	50V	D402	8-719-071-63	DIODE HZU6.2BTRF	
C713	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D403	8-719-988-61	DIODE 1SS355TE-17	
C714	1-163-263-91	CERAMIC CHIP 330pF 5%	50V	D404	8-719-988-61	DIODE 1SS355TE-17	
C715	1-115-340-11	CERAMIC CHIP 0.22μF 10%	25V	D405	8-719-988-61	DIODE 1SS355TE-17	
C716	1-125-916-11	FILM 0.018μF 5%	1.25KV	D406	8-719-071-63	DIODE HZU6.2BTRF	
C717	1-125-916-11	FILM 0.018μF 5%	1.25KV	D407	8-719-988-61	DIODE 1SS355TE-17	
C718	1-115-339-11	CERAMIC CHIP 0.1μF 10%	50V	D408	8-719-988-61	DIODE 1SS355TE-17	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
D409	8-719-988-61	DIODE 1SS355TE-17		L400	1-469-371-11	COIL, CHOKE 4.2μF	
D500	8-719-988-61	DIODE 1SS355TE-17		L401	1-416-616-11	COIL, CHOKE 2.2μH	
D501	8-719-988-61	DIODE 1SS355TE-17		L501	1-419-371-11	COIL, CHOKE 484μH	
D502	8-719-988-61	DIODE 1SS355TE-17		L600	1-416-616-11	COIL, CHOKE 2.2μH	
D503	8-719-988-61	DIODE 1SS355TE-17					
D504	8-719-988-61	DIODE 1SS355TE-17				<FILTER>	
D600	8-719-071-63	DIODE HZU6.2BTRF		LF100	△1-423-804-11	TRANSFORMER, LINE FILTER	
D601	8-719-988-61	DIODE 1SS355TE-17		LF101	△1-433-843-11	TRANSFORMER, LINE FILTER	
D602	8-719-988-61	DIODE 1SS355TE-17		LF102	△1-433-843-11	TRANSFORMER, LINE FILTER	
D603	8-719-988-61	DIODE 1SS355TE-17					
D605	8-719-071-63	DIODE HZU6.2BTRF				<PHOTO COUPLER>	
D606	8-719-988-61	DIODE 1SS355TE-17		PH100	8-719-062-33	PHOTO TRIAC COUPLER S21MT2F	
D607	8-719-988-61	DIODE 1SS355TE-17		PH101	8-749-010-64	PHOTO COUPLER PC123F2	
D608	8-719-988-61	DIODE 1SS355TE-17		PH102	8-749-010-64	PHOTO COUPLER PC123F2	
D700	8-719-988-61	DIODE 1SS355TE-17		PH103	8-749-010-64	PHOTO COUPLER PC123F2	
D701	8-719-988-61	DIODE 1SS355TE-17		PH104	8-749-010-64	PHOTO COUPLER PC123F2	
D702	8-719-988-61	DIODE 1SS355TE-17		PH105	8-749-010-64	PHOTO COUPLER PC123F2	
D703	8-719-988-61	DIODE 1SS355TE-17		PH500	8-749-010-64	PHOTO COUPLER PC123F2	
D704	8-719-988-61	DIODE 1SS355TE-17		PH501	8-749-010-64	PHOTO COUPLER PC123F2	
		<FUSE>		PH502	8-749-010-64	PHOTO COUPLER PC123F2	
F101	△1-576-365-11	FUSE (15A/250V)		PH700	8-749-010-64	PHOTO COUPLER PC123F2	
		<IC>		PH701	8-749-010-64	PHOTO COUPLER PC123F2	
IC101	8-759-464-69	IC FA5317P				<TRANSISTOR>	
IC102	8-759-098-24	IC PQ30RV11		Q103	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC150	8-759-470-07	IC CXA8038AP		Q104	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC200	8-759-700-65	IC NJM79L05A		Q106	8-729-035-71	TRANSISTOR 2SJ334	
IC201	8-759-648-34	IC TA76431AS		Q150	8-729-141-48	TRANSISTOR 2SB624-BV345	
IC203	8-759-170-73	IC TA78L12S		Q151	8-729-141-48	TRANSISTOR 2SB624-BV345	
IC250	8-759-648-34	IC TA76431AS		Q200	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC252	8-759-648-34	IC TA76431AS		Q201	8-729-900-53	TRANSISTOR DTC114EK	
IC300	8-759-354-43	IC TK83854D		Q202	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC301	8-759-510-73	IC BA10393F-E2		Q203	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC302	8-759-648-34	IC TA76431AS		Q205	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC400	8-759-510-71	IC BA10358F-E2		Q206	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC401	8-759-648-34	IC TA76431AS		Q250	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC402	8-759-058-50	IC XRA10324AF		Q251	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC403	8-759-510-71	IC BA10358F-E2		Q300	8-729-040-89	TRANSISTOR 2SK1590-T1B	
IC500	8-759-470-07	IC CXA8038AP		Q301	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC600	8-759-510-71	IC BA10358F-E2		Q302	8-729-040-88	TRANSISTOR 2SB1240TV2QR	
IC601	8-759-648-34	IC TA76431AS		Q303	8-729-040-23	TRANSISTOR 2SD1862TV2QR	
IC602	8-759-058-50	IC XRA10324AF		Q304	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
IC603	8-759-510-71	IC BA10358F-E2		Q305	8-729-040-89	TRANSISTOR 2SK1590-T1B	
IC700	8-759-470-07	IC CXA8038AP		Q400	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
		<COIL>		Q401	8-729-040-89	TRANSISTOR 2SK1590-T1B	
L100	1-416-489-11	COIL, CHOKE 143μH		Q402	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
L101	1-419-372-11	COIL, CHOKE		Q403	8-729-040-89	TRANSISTOR 2SK1590-T1B	
L201	1-406-703-21	COIL, CHOKE 3.3μH		Q404	8-729-040-89	TRANSISTOR 2SK1590-T1B	
L202	1-406-703-21	COIL, CHOKE 3.3μH		Q405	8-729-040-89	TRANSISTOR 2SK1590-T1B	
L203	1-406-703-21	COIL, CHOKE 3.3μH		Q406	8-729-033-07	TRANSISTOR 2SK2425	
L250	1-419-394-21	COIL, CHOKE 2.2μH		Q500	8-729-141-48	TRANSISTOR 2SB624-BV345	
L251	1-419-394-21	COIL, CHOKE 2.2μH		Q501	8-729-141-48	TRANSISTOR 2SB624-BV345	
L252	1-416-965-21	COIL, CHOKE 1μH		Q600	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
L253	1-406-703-21	COIL, CHOKE 3.3μH		Q601	8-729-040-89	TRANSISTOR 2SK1590-T1B	
L254	1-406-703-21	COIL, CHOKE 3.3μH		Q602	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
				Q603	8-729-040-89	TRANSISTOR 2SK1590-T1B	

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Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
Q604	8-729-040-89	TRANSISTOR 2SK1590-T1B				R165	1-216-077-91	RES,CHIP 15K	5%	1/10W	
Q605	8-729-040-89	TRANSISTOR 2SK1590-T1B				R166	1-216-073-00	RES,CHIP 10K	5%	1/10W	
Q606	8-729-050-53	TRANSISTOR 2SK3212-01				R167	1-216-341-11	METAL OXIDE 0.22	5%	1W F	
						R190	1-247-791-91	CARBON 22	5%	1/4W	
Q700	8-729-141-48	TRANSISTOR 2SB624-BV345									
Q701	8-729-141-48	TRANSISTOR 2SB624-BV345				R191	1-216-089-91	RES,CHIP 47K		1/10W	
						R192	1-216-073-00	RES,CHIP 10K	5%	1/10W	
						R201	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	
						R202	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	
						R203	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	
	<RESISTOR>										
R100	△1-260-131-91	CARBON 470K	5%	1/2W		R204	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	
R101	1-240-313-11	CEMENT 4.7	5%	5W		R205	1-216-057-00	RES,CHIP 2.2K	5%	1/10W	
R102	1-249-397-11	CARBON 22	5%	1/4W		R206	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R103	1-240-313-11	CEMENT 4.7	5%	5W		R207	1-208-798-11	RES,CHIP 4.7K	0.5%	1/10W	
R104	1-240-910-11	CEMENT 4.7	5%	5W		R208	1-208-782-11	RES,CHIP 1K	0.5%	1/10W	
R105	1-249-407-91	CARBON 150	5%	1/4W		R209	1-208-806-11	RES,CHIP 10K	0.5%	1/10W	
R106	1-219-393-11	METAL PLATE 0.05	10%	5W F		R210	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R107	1-219-393-11	METAL PLATE 0.05	10%	5W F		R211	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R109	1-215-857-11	METAL OXIDE 10	5%	1W F		R212	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R110	1-215-857-11	METAL OXIDE 10	5%	1W F		R213	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R111	1-215-857-11	METAL OXIDE 10	5%	1W F		R214	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	
R112	1-216-073-00	RES,CHIP 10K	5%	1/10W		R215	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R113	1-216-073-00	RES,CHIP 10K	5%	1/10W		R216	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R114	1-216-073-00	RES,CHIP 10K	5%	1/10W		R218	1-208-790-11	RES,CHIP 2.2K	0.5%	1/10W	
R115	1-215-882-51	METAL OXIDE 22	5%	2W F		R219	1-208-782-11	RES,CHIP 1K	0.5%	1/10W	
R116	1-216-081-00	RES,CHIP 22K	5%	1/10W		R220	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R117	1-216-065-91	RES,CHIP 4.7K	5%	1/10W		R221	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R118	1-216-073-00	RES,CHIP 10K	5%	1/10W		R222	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R119	1-216-065-91	RES,CHIP 4.7K	5%	1/10W		R223	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R120	1-249-413-11	CARBON 470	5%	1/4W		R224	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	
R121	1-216-070-00	RES,CHIP 7.5K	5%	1/10W		R225	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R122	1-216-308-00	RES,CHIP 4.7	5%	1/10W		R250	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R124	1-215-903-11	METAL OXIDE 68K	5%	2W F		R251	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	
R125	1-216-017-91	RES,CHIP 47	5%	1/10W		R252	1-216-071-00	RES,CHIP 8.2K	5%	1/10W	
R126	1-215-903-11	METAL OXIDE 68K	5%	2W F		R253	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R127	1-215-904-11	METAL OXIDE 100K	5%	2W F		R254	1-216-079-00	RES,CHIP 18K	5%	1/10W	
R128	1-216-037-00	RES,CHIP 330	5%	1/10W		R255	1-216-079-00	RES,CHIP 18K	5%	1/10W	
R129	1-216-068-00	RES,CHIP 6.2K	5%	1/10W		R256	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R130	1-216-029-00	RES,CHIP 150	5%	1/10W		R257	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R131	1-216-047-00	RES,CHIP 820	5%	1/10W		R258	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R132	1-216-345-11	METAL OXIDE 0.47	5%	1W F		R259	1-216-113-00	RES,CHIP 470K	5%	1/10W	
R133	1-216-089-91	RES,CHIP 47K		1/10W		R260	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R134	1-216-061-00	RES,CHIP 3.3K	5%	1/10W		R261	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R135	1-216-073-00	RES,CHIP 10K	5%	1/10W		R262	1-208-812-11	RES,CHIP 18K	0.5%	1/10W	
R136	1-216-089-91	RES,CHIP 47K		1/10W		R263	1-208-793-11	RES,CHIP 3K	0.5%	1/10W	
R137	1-216-085-00	RES,CHIP 33K	5%	1/10W		R264	1-208-798-11	RES,CHIP 4.7K	0.5%	1/10W	
R150	1-247-807-31	CARBON 100	5%	1/4W		R265	1-208-765-11	RES,CHIP 200	0.5%	1/10W	
R151	1-249-401-11	CARBON 47	5%	1/4W		R266	1-208-782-11	RES,CHIP 1K	0.5%	1/10W	
R152	1-216-081-00	RES,CHIP 22K	5%	1/10W		R267	1-249-417-11	CARBON 1K	5%	1/4W	
R153	1-216-025-00	RES,CHIP 100	5%	1/10W		R268	1-208-798-11	RES,CHIP 4.7K	0.5%	1/10W	
R154	1-216-029-00	RES,CHIP 150	5%	1/10W		R269	1-208-769-11	RES,CHIP 300	0.5%	1/10W	
R155	1-216-065-91	RES,CHIP 4.7K	5%	1/10W		R270	1-208-797-11	RES,CHIP 4.3K	0.5%	1/10W	
R156	1-216-065-91	RES,CHIP 4.7K	5%	1/10W		R271	1-216-073-00	RES,CHIP 10K	5%	1/10W	
R157	1-216-065-91	RES,CHIP 4.7K	5%	1/10W		R272	1-216-049-11	RES,CHIP 1K	5%	1/10W	
R158	1-216-065-91	RES,CHIP 4.7K	5%	1/10W		R273	1-208-798-11	RES,CHIP 4.7K	0.5%	1/10W	
R159	1-216-073-00	RES,CHIP 10K	5%	1/10W		R274	1-208-764-11	RES,CHIP 180	0.5%	1/10W	
R160	1-216-308-00	RES,CHIP 4.7	5%	1/10W		R275	1-208-770-11	RES,CHIP 330	0.5%	1/10W	
R161	1-216-308-00	RES,CHIP 4.7	5%	1/10W		R276	1-208-806-11	RES,CHIP 10K	0.5%	1/10W	
R162	1-216-081-00	RES,CHIP 22K	5%	1/10W		R277	1-208-783-11	RES,CHIP 1.1K	0.5%	1/10W	
R163	1-216-081-00	RES,CHIP 22K	5%	1/10W		R278	1-208-788-11	RES,CHIP 1.8K	0.5%	1/10W	
R164	1-249-429-11	CARBON 10K	5%	1/4W		R279	1-208-806-11	RES,CHIP 10K	0.5%	1/10W	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R280	1-208-782-11	RES,CHIP	1K 0.5% 1/10W	R410	1-216-049-11	RES,CHIP	1K 5% 1/10W
R281	1-208-788-11	RES,CHIP	1.8K 0.5% 1/10W	R411	1-216-081-00	RES,CHIP	22K 5% 1/10W
R282	1-208-806-11	RES,CHIP	10K 0.5% 1/10W	R412	1-214-914-11	METAL	110K 1% 1/2W
R283	1-208-767-11	RES,CHIP	240 0.5% 1/10W	R413	1-214-914-11	METAL	110K 1% 1/2W
R284	1-208-768-11	RES,CHIP	270 0.5% 1/10W	R414	1-208-795-11	RES,CHIP	3.6K 0.5% 1/10W
R285	1-208-814-91	RES,CHIP	22K 0.5% 1/10W	R415	1-216-057-00	RES,CHIP	2.2K 5% 1/10W
R286	1-208-765-11	RES,CHIP	200 0.5% 1/10W	R416	1-208-782-11	RES,CHIP	1K 0.5% 1/10W
R287	1-208-792-11	RES,CHIP	2.7K 0.5% 1/10W	R417	1-216-065-91	RES,CHIP	4.7K 5% 1/10W
R288	1-216-073-00	RES,CHIP	10K 5% 1/10W	R418	1-208-782-11	RES,CHIP	1K 0.5% 1/10W
R300	1-249-413-11	CARBON	470 5% 1/4W	R419	1-208-782-11	RES,CHIP	1K 0.5% 1/10W
R301	1-249-413-11	CARBON	470 5% 1/4W	R420	1-208-806-11	RES,CHIP	10K 0.5% 1/10W
R302	1-260-130-91	CARBON	390K 5% 1/2W	R421	1-217-625-00	METAL PLATE	0.05 10% 2W F
R304	1-260-130-91	CARBON	390K 5% 1/2W	R422	1-208-807-11	RES,CHIP	11K 0.5% 1/10W
R305	1-216-109-00	RES,CHIP	330K 5% 1/10W	R423	1-216-105-91	RES,CHIP	220K 5% 1/10W
R306	1-260-130-91	CARBON	390K 5% 1/2W	R424	1-216-061-00	RES,CHIP	3.3K 5% 1/10W
R307	1-260-130-91	CARBON	390K 5% 1/2W	R425	1-216-061-00	RES,CHIP	3.3K 5% 1/10W
R309	1-216-097-91	RES,CHIP	100K 5% 1/10W	R426	1-216-081-00	RES,CHIP	22K 5% 1/10W
R310	1-216-081-00	RES,CHIP	22K 5% 1/10W	R427	1-216-089-91	RES,CHIP	47K 1/10W
R311	1-260-130-91	CARBON	390K 5% 1/2W	R428	1-216-049-11	RES,CHIP	1K 5% 1/10W
R312	1-260-130-91	CARBON	390K 5% 1/2W	R429	1-216-081-00	RES,CHIP	22K 5% 1/10W
R313	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	R430	1-216-073-00	RES,CHIP	10K 5% 1/10W
R314	1-216-052-00	RES,CHIP	1.3K 5% 1/10W	R431	1-216-081-00	RES,CHIP	22K 5% 1/10W
R315	1-216-073-00	RES,CHIP	10K 5% 1/10W	R433	1-208-830-11	RES,CHIP	100K 0.5% 1/10W
R316	1-216-062-00	RES,CHIP	3.6K 5% 1/10W	R434	1-216-085-00	RES,CHIP	33K 5% 1/10W
R317	1-216-121-91	RES,CHIP	1M 5% 1/10W	R436	1-216-073-00	RES,CHIP	10K 5% 1/10W
R318	1-216-081-00	RES,CHIP	22K 5% 1/10W	R437	1-216-073-00	RES,CHIP	10K 5% 1/10W
R319	1-216-105-91	RES,CHIP	220K 5% 1/10W	R438	1-216-049-11	RES,CHIP	1K 5% 1/10W
R320	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R439	1-216-073-00	RES,CHIP	10K 5% 1/10W
R321	1-249-413-11	CARBON	470 5% 1/4W	R441	1-214-924-00	METAL	300K 1% 1/2W
R322	1-216-049-11	RES,CHIP	1K 5% 1/10W	R442	1-214-900-00	METAL	30K 1% 1/2W
R323	1-216-073-00	RES,CHIP	10K 5% 1/10W	R443	1-208-783-11	RES,CHIP	1.1K 0.5% 1/10W
R324	1-249-393-11	CARBON	10 5% 1/4W	R444	1-208-798-11	RES,CHIP	4.7K 0.5% 1/10W
R325	1-216-057-00	RES,CHIP	2.2K 5% 1/10W	R445	1-216-073-00	RES,CHIP	10K 5% 1/10W
R326	1-216-101-00	RES,CHIP	150K 5% 1/10W	R446	1-216-049-11	RES,CHIP	1K 5% 1/10W
R327	1-216-081-00	RES,CHIP	22K 5% 1/10W	R447	1-208-805-11	RES,CHIP	9.1K 0.5% 1/10W
R328	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R448	1-216-655-11	METAL	1.5K 0.5% 1/10W
R329	1-260-128-11	CARBON	270K 5% 1/2W	R449	1-216-073-00	RES,CHIP	10K 5% 1/10W
R339	1-260-128-11	CARBON	270K 5% 1/2W	R450	1-216-049-11	RES,CHIP	1K 5% 1/10W
R340	1-216-049-11	RES,CHIP	1K 5% 1/10W	R451	1-242-914-11	CEMENT	100 5% 5W
R341	1-216-042-00	RES,CHIP	510 5% 1/10W	R452	1-208-806-11	RES,CHIP	10K 0.5% 1/10W
R342	1-216-073-00	RES,CHIP	10K 5% 1/10W	R453	1-216-655-11	METAL	1.5K 0.5% 1/10W
R343	1-216-077-91	RES,CHIP	15K 5% 1/10W	R454	1-208-830-11	RES,CHIP	100K 0.5% 1/10W
R344	1-214-929-00	METAL	470K 1% 1/2W	R455	1-208-830-11	RES,CHIP	100K 0.5% 1/10W
R345	1-214-929-00	METAL	470K 1% 1/2W	R456	1-216-073-00	RES,CHIP	10K 5% 1/10W
R346	1-208-799-11	RES,CHIP	5.1K 0.5% 1/10W	R457	1-208-830-11	RES,CHIP	100K 0.5% 1/10W
R347	1-216-037-00	RES,CHIP	330 5% 1/10W	R459	1-208-802-11	RES,CHIP	6.8K 0.5% 1/10W
R348	1-216-073-00	RES,CHIP	10K 5% 1/10W	R460	1-242-916-11	CEMENT	16K 5% 5W
R349	1-247-791-91	CARBON	22 5% 1/4W	R461	1-216-113-00	RES,CHIP	470K 5% 1/10W
R351	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R462	1-242-916-11	CEMENT	16K 5% 5W
R352	1-216-113-00	RES,CHIP	470K 5% 1/10W	R465	1-216-389-91	METAL OXIDE	1 5% 3W
R400	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R466	1-216-389-91	METAL OXIDE	1 5% 3W
R401	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R467	1-242-916-11	CEMENT	16K 5% 5W
R402	1-216-049-11	RES,CHIP	1K 5% 1/10W	R468	1-242-914-11	CEMENT	100 5% 5W
R403	1-216-081-00	RES,CHIP	22K 5% 1/10W	R469	1-242-914-11	CEMENT	100 5% 5W
R404	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R500	1-247-807-31	CARBON	100 5% 1/4W
R405	1-216-081-00	RES,CHIP	22K 5% 1/10W	R501	1-249-401-11	CARBON	47 5% 1/4W
R406	1-216-070-00	RES,CHIP	7.5K 5% 1/10W	R502	1-216-073-00	RES,CHIP	10K 5% 1/10W
R407	1-216-073-00	RES,CHIP	10K 5% 1/10W	R503	1-216-037-00	RES,CHIP	330 5% 1/10W
R408	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R504	1-208-766-11	RES,CHIP	220 0.5% 1/10W
R409	1-216-049-11	RES,CHIP	1K 5% 1/10W	R505	1-216-065-91	RES,CHIP	4.7K 5% 1/10W

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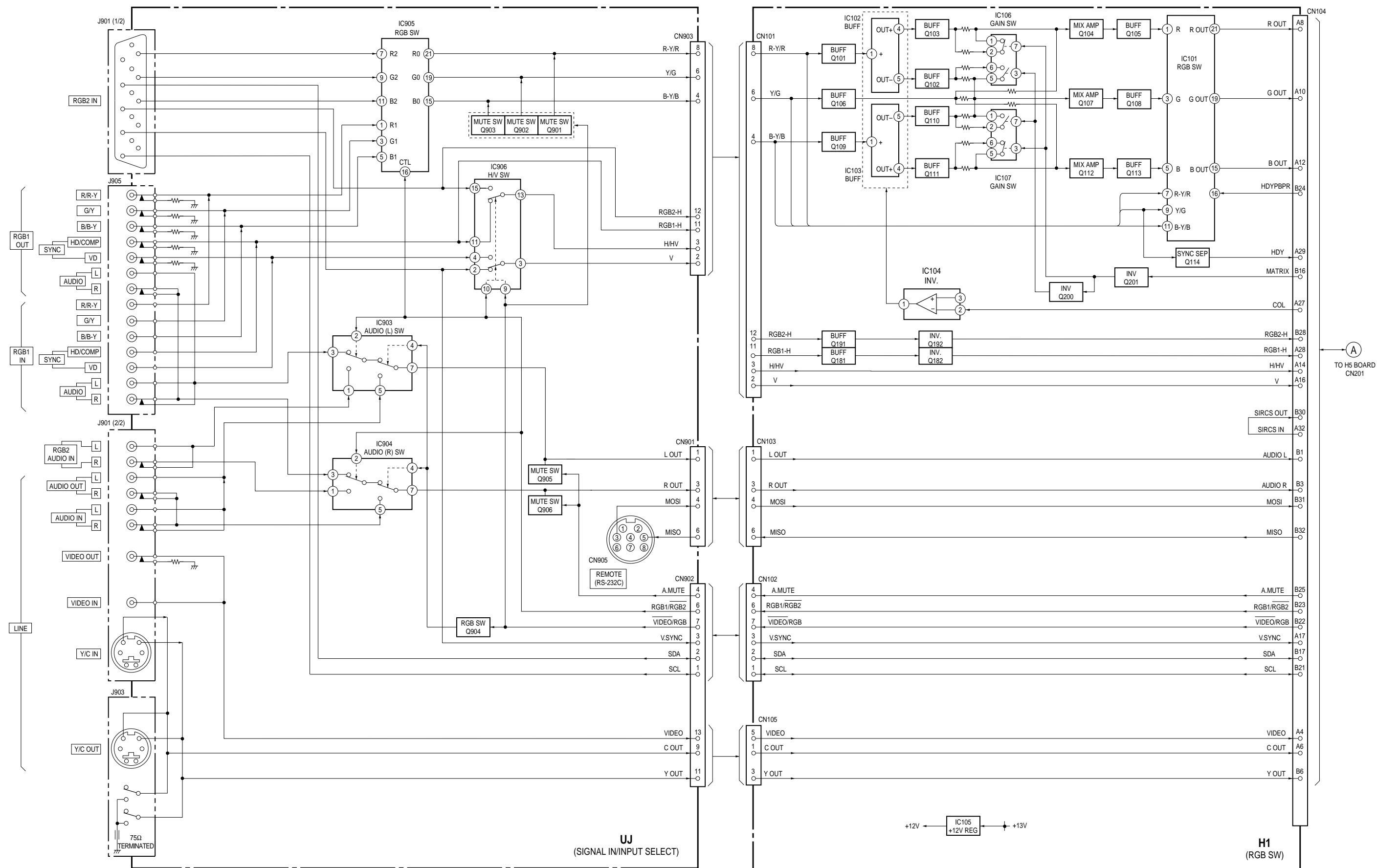
Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R506	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R650	1-242-913-11	CEMENT	15 5% 5W
R507	1-216-081-00	RES,CHIP	22K 5% 1/10W	R651	1-208-806-11	RES,CHIP	10K 0.5% 1/10W
R508	1-216-308-00	RES,CHIP	4.7 5% 1/10W	R652	1-216-655-11	METAL	1.5K 0.5% 1/10W
R509	1-216-308-00	RES,CHIP	4.7 5% 1/10W	R653	1-208-832-11	RES,CHIP	120K 0.5% 1/10W
R510	1-216-073-00	RES,CHIP	10K 5% 1/10W	R654	1-208-832-11	RES,CHIP	120K 0.5% 1/10W
R511	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	R655	1-216-073-00	RES,CHIP	10K 5% 1/10W
R512	1-216-049-11	RES,CHIP	1K 5% 1/10W	R658	1-208-810-11	RES,CHIP	15K 0.5% 1/10W
R513	1-216-081-00	RES,CHIP	22K 5% 1/10W	R659	1-242-915-11	CEMENT	2.7K 5% 5W
R514	1-216-081-00	RES,CHIP	22K 5% 1/10W	R660	1-216-113-00	RES,CHIP	470K 5% 1/10W
R515	1-217-625-00	METAL PLATE	0.05 10% 2W F	R661	1-242-915-11	CEMENT	2.7K 5% 5W
R516	1-216-081-00	RES,CHIP	22K 5% 1/10W	R662	1-242-913-11	CEMENT	15 5% 5W
R517	1-216-073-00	RES,CHIP	10K 5% 1/10W	R700	1-247-807-31	CARBON	100 5% 1/4W
R600	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R701	1-249-401-11	CARBON	47 5% 1/4W
R601	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R703	1-216-073-00	RES,CHIP	10K 5% 1/10W
R602	1-216-049-11	RES,CHIP	1K 5% 1/10W	R704	1-208-768-11	RES,CHIP	270 0.5% 1/10W
R603	1-216-081-00	RES,CHIP	22K 5% 1/10W	R705	1-208-766-11	RES,CHIP	220 0.5% 1/10W
R604	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R706	1-216-065-91	RES,CHIP	4.7K 5% 1/10W
R605	1-216-081-00	RES,CHIP	22K 5% 1/10W	R707	1-216-065-91	RES,CHIP	4.7K 5% 1/10W
R606	1-216-073-00	RES,CHIP	10K 5% 1/10W	R708	1-216-081-00	RES,CHIP	22K 5% 1/10W
R607	1-216-073-00	RES,CHIP	10K 5% 1/10W	R709	1-216-308-00	RES,CHIP	4.7 5% 1/10W
R608	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	R710	1-216-308-00	RES,CHIP	4.7 5% 1/10W
R609	1-216-049-11	RES,CHIP	1K 5% 1/10W	R711	1-216-073-00	RES,CHIP	10K 5% 1/10W
R610	1-216-049-11	RES,CHIP	1K 5% 1/10W	R712	1-216-049-11	RES,CHIP	1K 5% 1/10W
R611	1-216-081-00	RES,CHIP	22K 5% 1/10W	R713	1-216-061-00	RES,CHIP	3.3K 5% 1/10W
R612	1-215-459-00	METAL	39K 1% 1/4W	R714	1-216-081-00	RES,CHIP	22K 5% 1/10W
R613	1-215-457-00	METAL	33K 1% 1/4W	R715	1-216-081-00	RES,CHIP	22K 5% 1/10W
R614	1-208-795-11	RES,CHIP	3.6K 0.5% 1/10W	R716	1-217-625-00	METAL PLATE	0.05 10% 2W F
R615	1-216-057-00	RES,CHIP	2.2K 5% 1/10W	R717	1-216-689-11	RES,CHIP	39K 5% 1/10W
R616	1-208-782-11	RES,CHIP	1K 0.5% 1/10W	R718	1-216-073-00	RES,CHIP	10K 5% 1/10W
R617	1-216-065-91	RES,CHIP	4.7K 5% 1/10W	<VARIABLE RESISTOR>			
R618	1-208-782-11	RES,CHIP	1K 0.5% 1/10W	RV150	1-241-764-11	RES,ADJ,CERMET	10K
R619	1-208-782-11	RES,CHIP	1K 0.5% 1/10W	RV201	1-241-762-11	RES,ADJ,CERMET	2.2K
R620	1-208-806-11	RES,CHIP	10K 0.5% 1/10W	RV250	1-241-762-11	RES,ADJ,CERMET	2.2K
R621	1-217-625-00	METAL PLATE	0.05 10% 2W F	RV300	1-241-762-11	RES,ADJ,CERMET	2.2K
R622	1-208-806-11	RES,CHIP	10K 0.5% 1/10W	RV400	1-241-759-11	RES,ADJ,CERMET	220
R623	1-216-105-91	RES,CHIP	220K 5% 1/10W	RV401	1-241-762-11	RES,ADJ,CERMET	2.2K
R624	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	RV402	1-241-760-11	RES,ADJ,CERMET	470
R625	1-216-061-00	RES,CHIP	3.3K 5% 1/10W	RV500	1-241-764-11	RES,ADJ,CERMET	10K
R626	1-216-081-00	RES,CHIP	22K 5% 1/10W	RV600	1-241-760-11	RES,ADJ,CERMET	470
R627	1-216-089-91	RES,CHIP	47K 1/10W	RV601	1-241-762-11	RES,ADJ,CERMET	2.2K
R628	1-216-049-11	RES,CHIP	1K 5% 1/10W	RV602	1-241-760-11	RES,ADJ,CERMET	470
R629	1-216-081-00	RES,CHIP	22K 5% 1/10W	RV700	1-241-764-11	RES,ADJ,CERMET	10K
R630	1-216-073-00	RES,CHIP	10K 5% 1/10W	<TRANSFORMER>			
R631	1-216-081-00	RES,CHIP	22K 5% 1/10W	T101	1-435-218-11	TRANSFORMER, CONVERTOR	
R632	1-208-816-11	RES,CHIP	27K 0.5% 1/10W	T102	1-435-219-11	TRANSFORMER, CONVERTOR	
R633	1-216-085-00	RES,CHIP	33K 5% 1/10W	T105	1-426-931-21	TRANSFORMER, DRIVE	
R635	1-216-073-00	RES,CHIP	10K 5% 1/10W	T501	1-435-216-11	TRANSFORMER, CONVERTOR	
R636	1-216-073-00	RES,CHIP	10K 5% 1/10W	T502	1-426-931-21	TRANSFORMER, DRIVE	
R637	1-216-049-11	RES,CHIP	1K 5% 1/10W	T701	1-435-217-11	TRANSFORMER, CONVERTOR	
R638	1-216-073-00	RES,CHIP	10K 5% 1/10W	T702	1-426-931-21	TRANSFORMER, DRIVE	
R640	1-214-914-11	METAL	110K 1% 1/2W				
R641	1-215-456-00	METAL	30K 1% 1/4W				
R642	1-208-795-11	RES,CHIP	3.6K 0.5% 1/10W				
R643	1-208-798-11	RES,CHIP	4.7K 0.5% 1/10W				
R644	1-216-073-00	RES,CHIP	10K 5% 1/10W				
R645	1-216-049-11	RES,CHIP	1K 5% 1/10W				
R646	1-208-792-11	RES,CHIP	2.7K 0.5% 1/10W				
R647	1-216-655-11	METAL	1.5K 0.5% 1/10W				
R648	1-216-073-00	RES,CHIP	10K 5% 1/10W				
R649	1-216-049-11	RES,CHIP	1K 5% 1/10W				

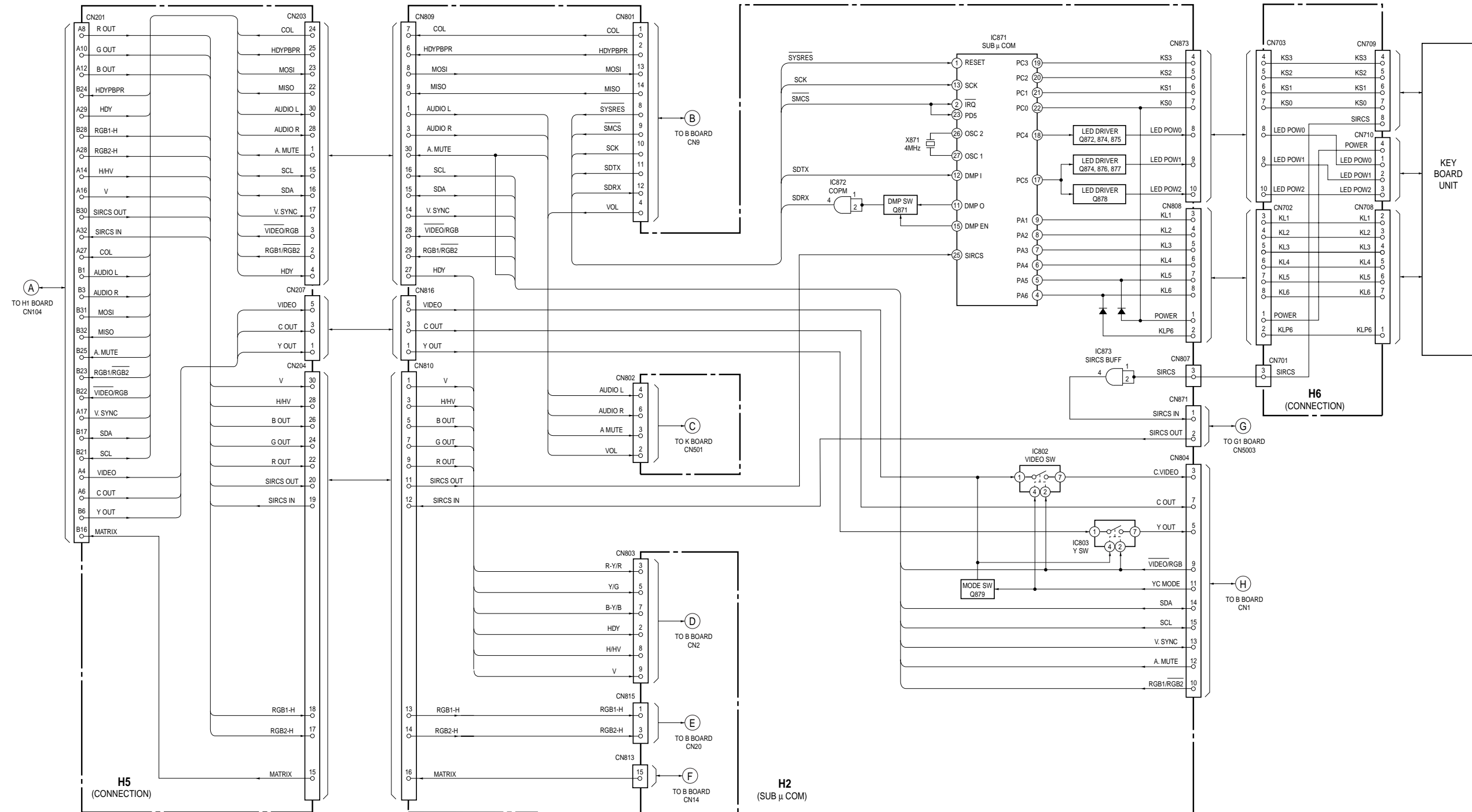
Ref.No.	Part No.	Description	Remark
<VARISTOR>			
VDR100	△1-809-909-22	VARISTOR NV270D03-TB2	
VDR101	△1-801-625-21	VARISTOR 470NR10D	
VDR102	△1-801-625-21	VARISTOR 470NR10D	
VDR103	△1-809-909-22	VARISTOR NV270D03-TB2	

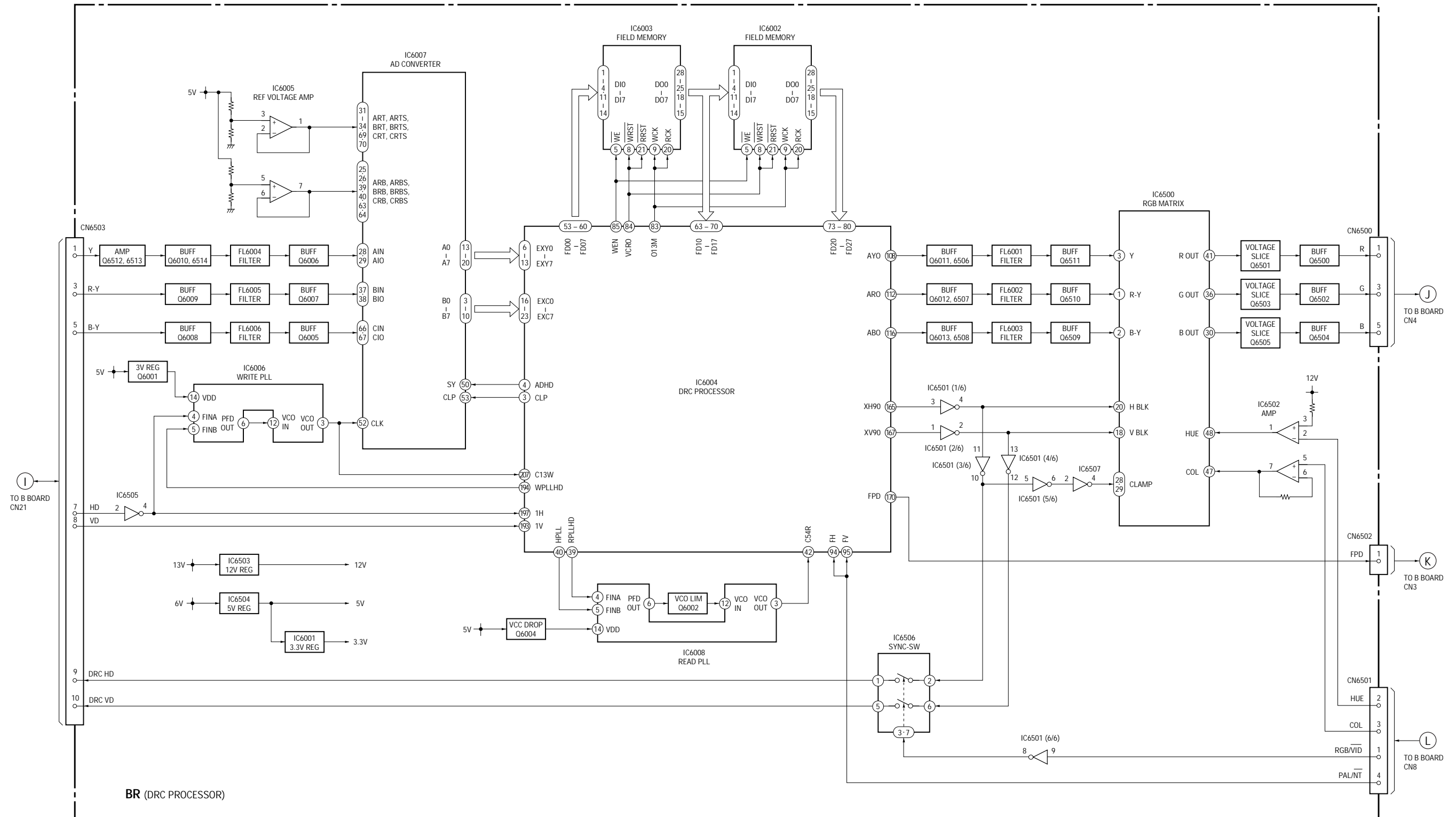
REMOTE COMMANDER

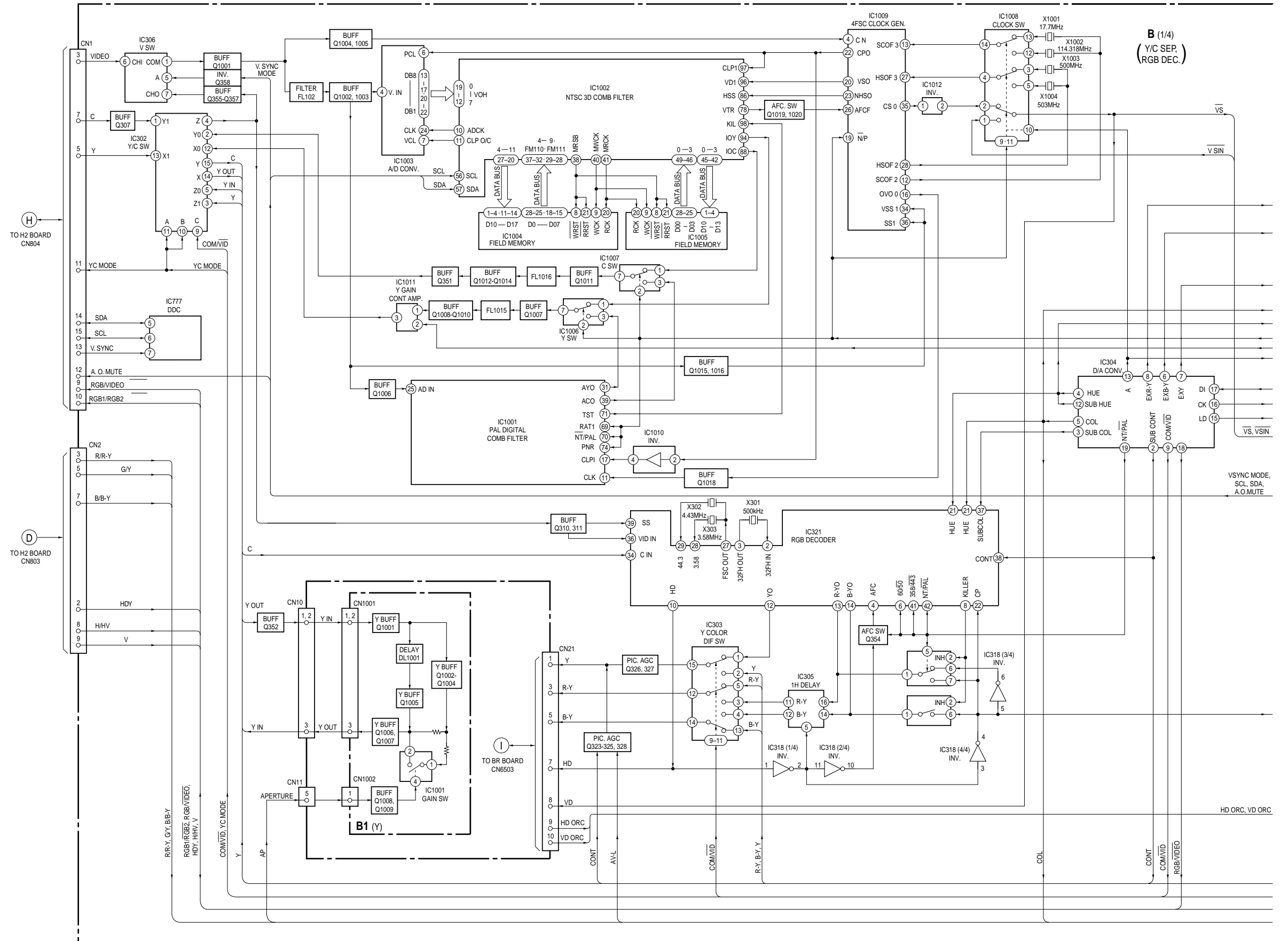
1-475-089-11	REMOTE COMMANDER (RM-921)
9-900-029-01	BATTERY COVER (FOR RM-921)

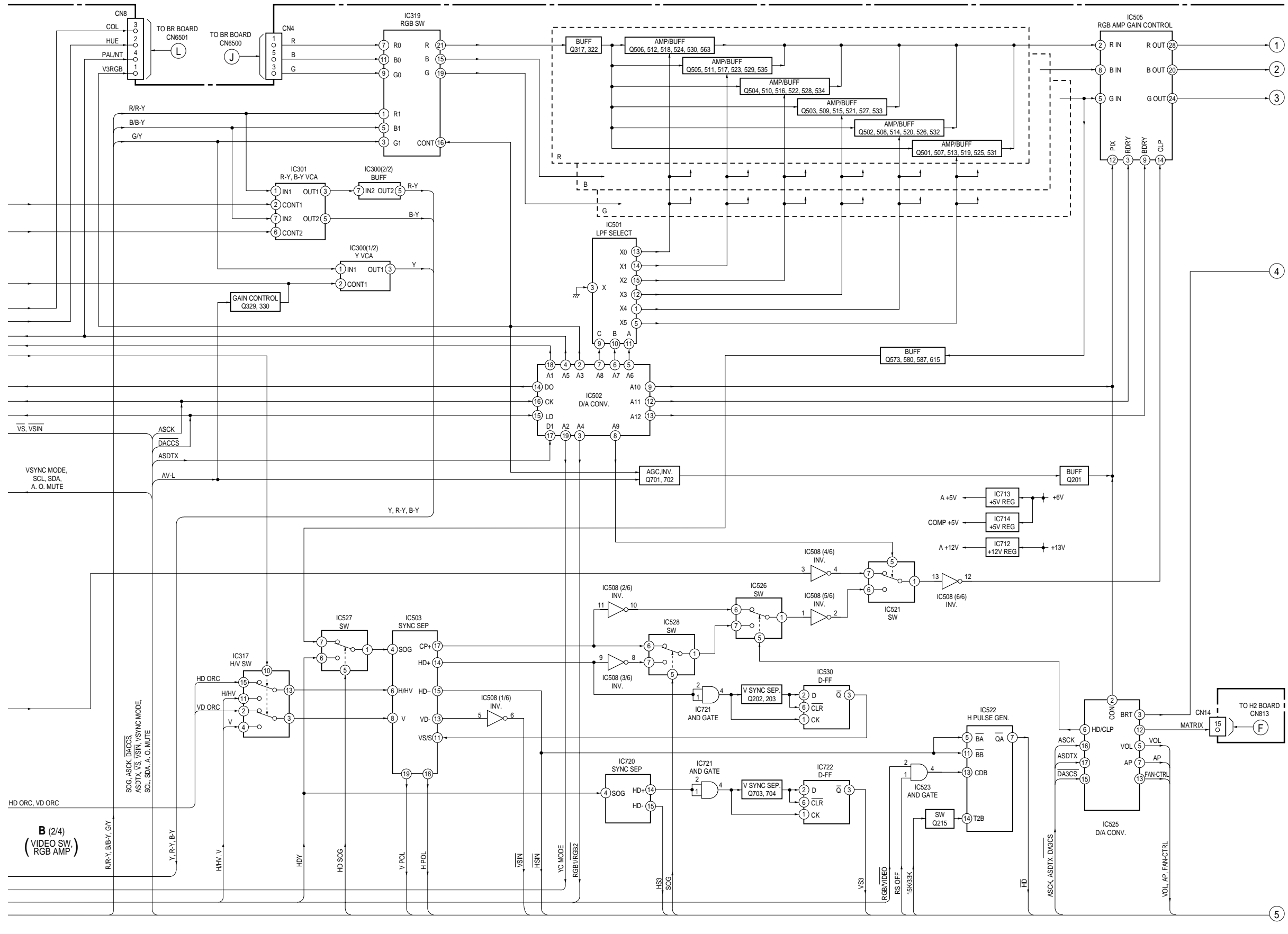
Section 8
Block Diagrams

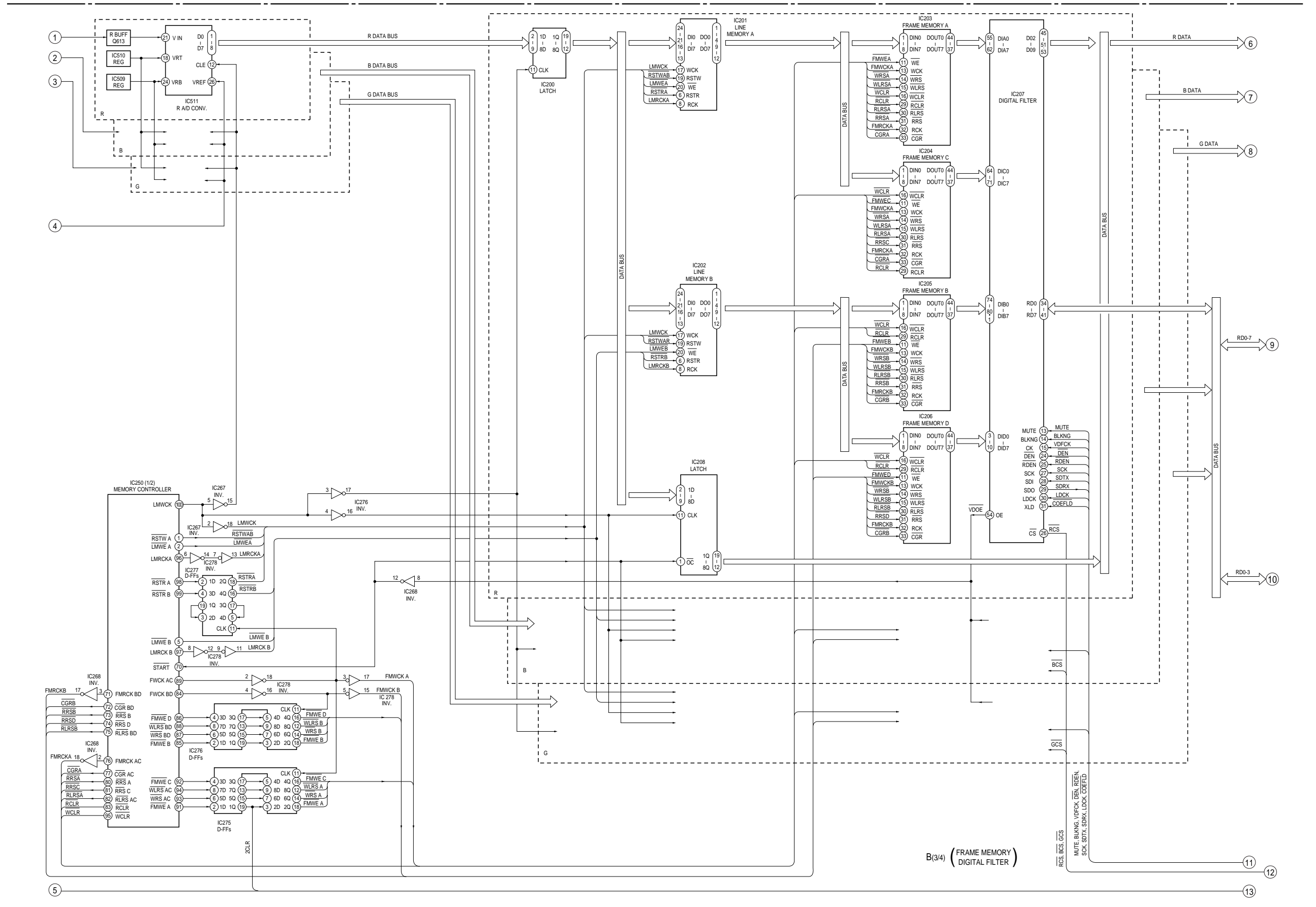




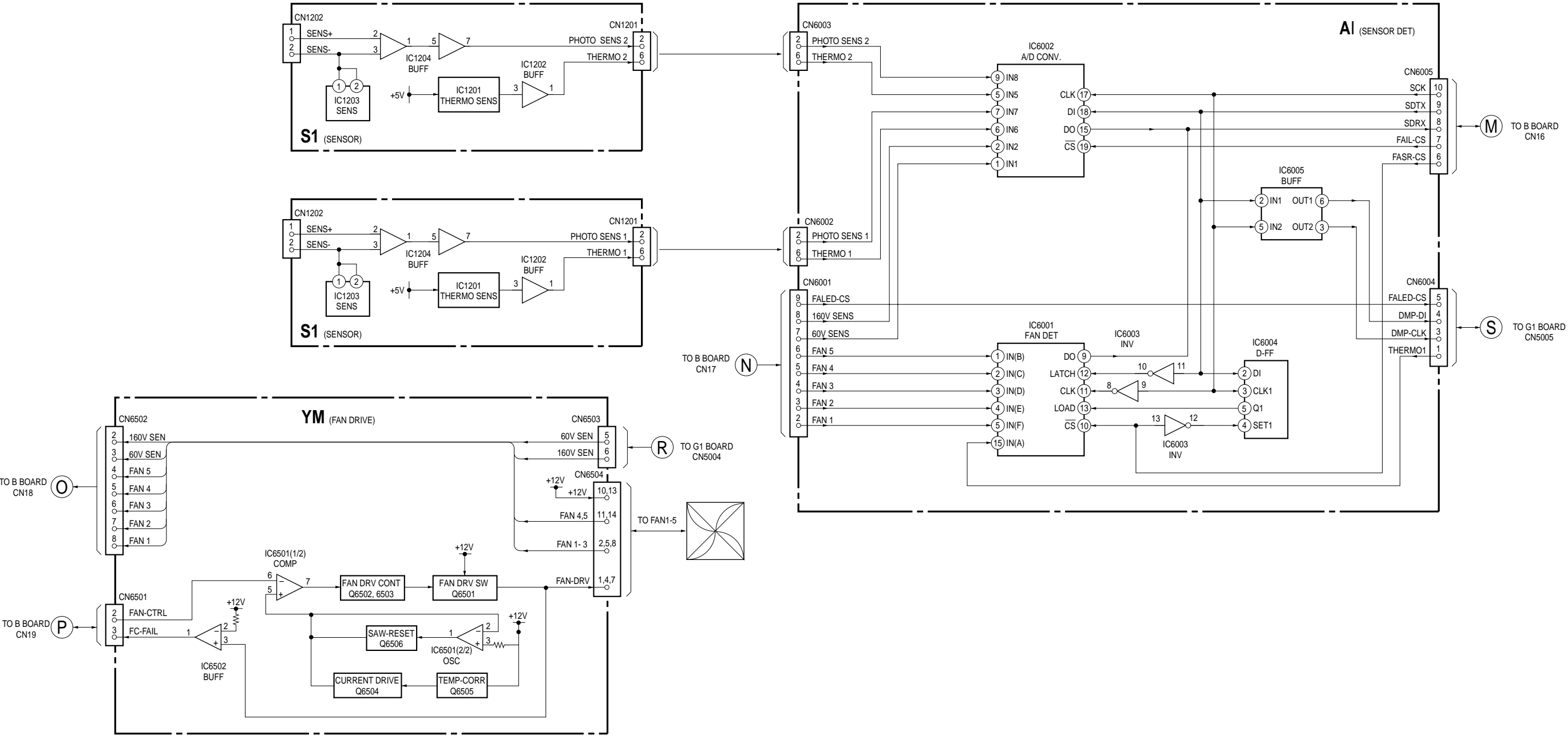


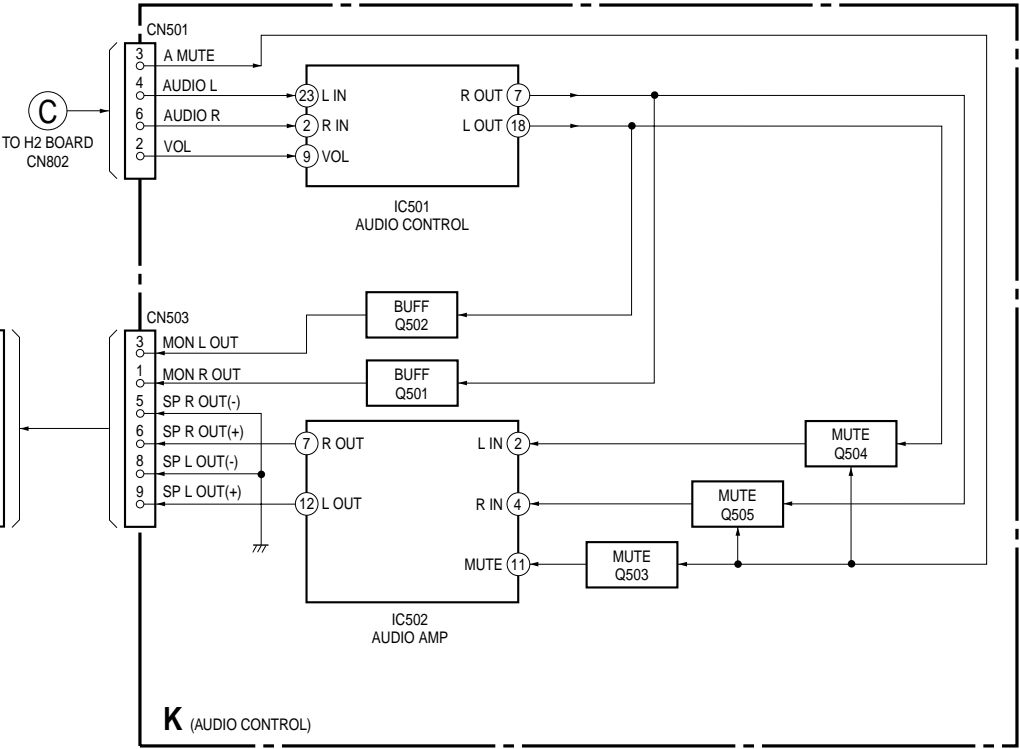
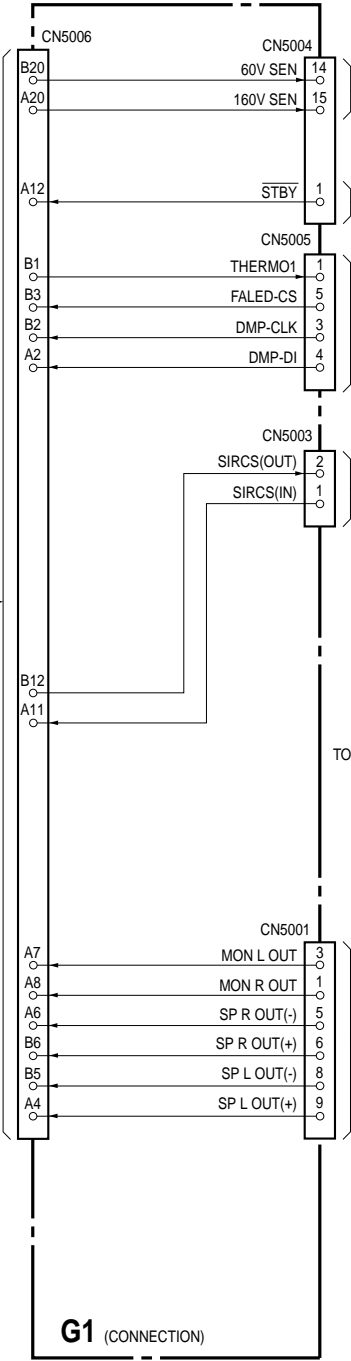
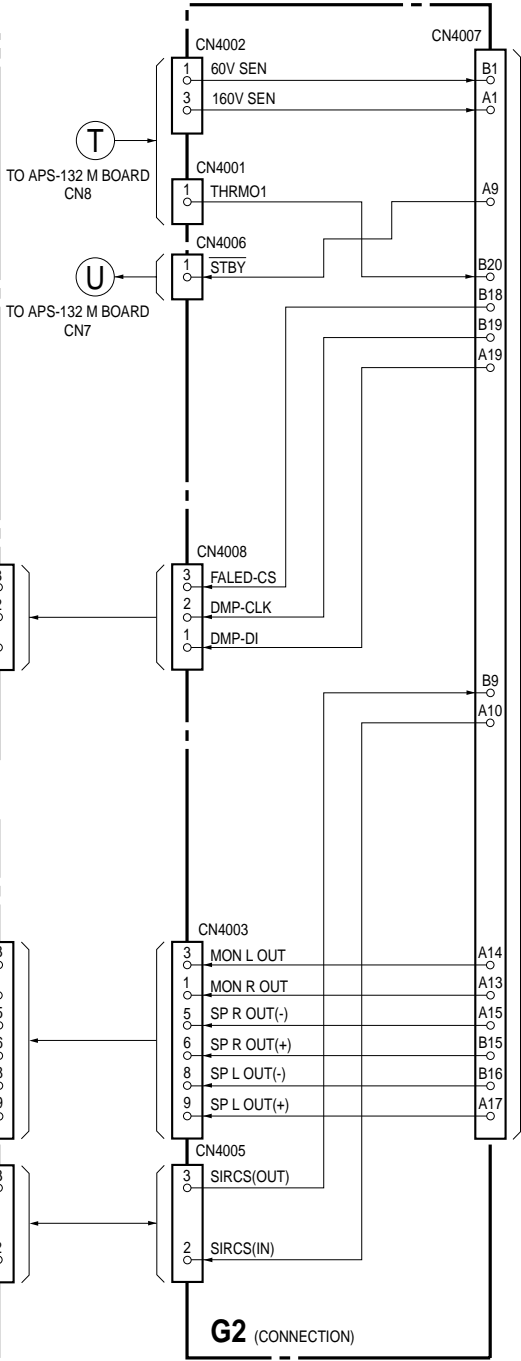
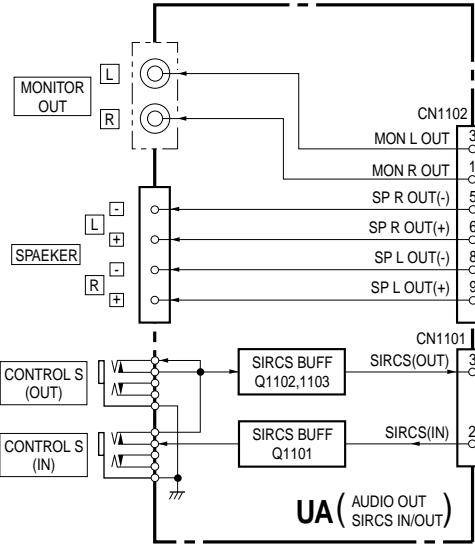
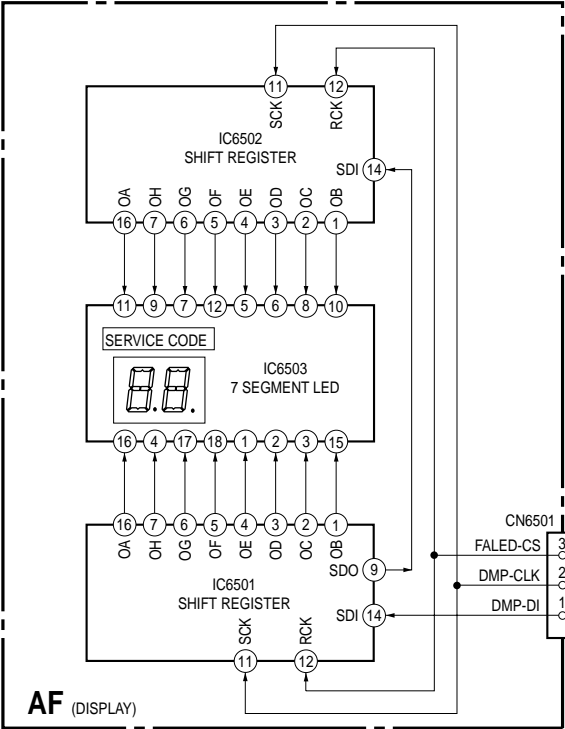


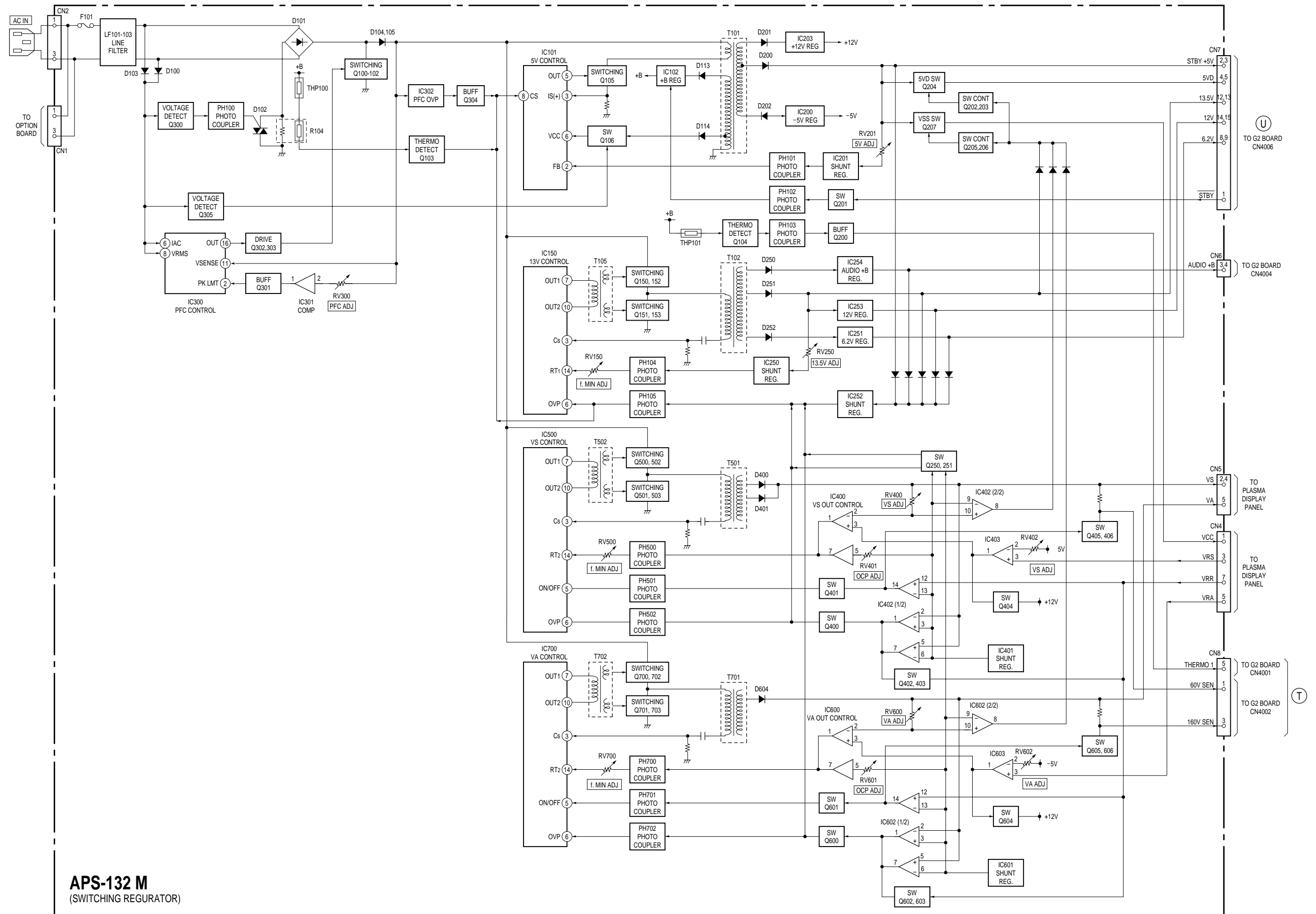






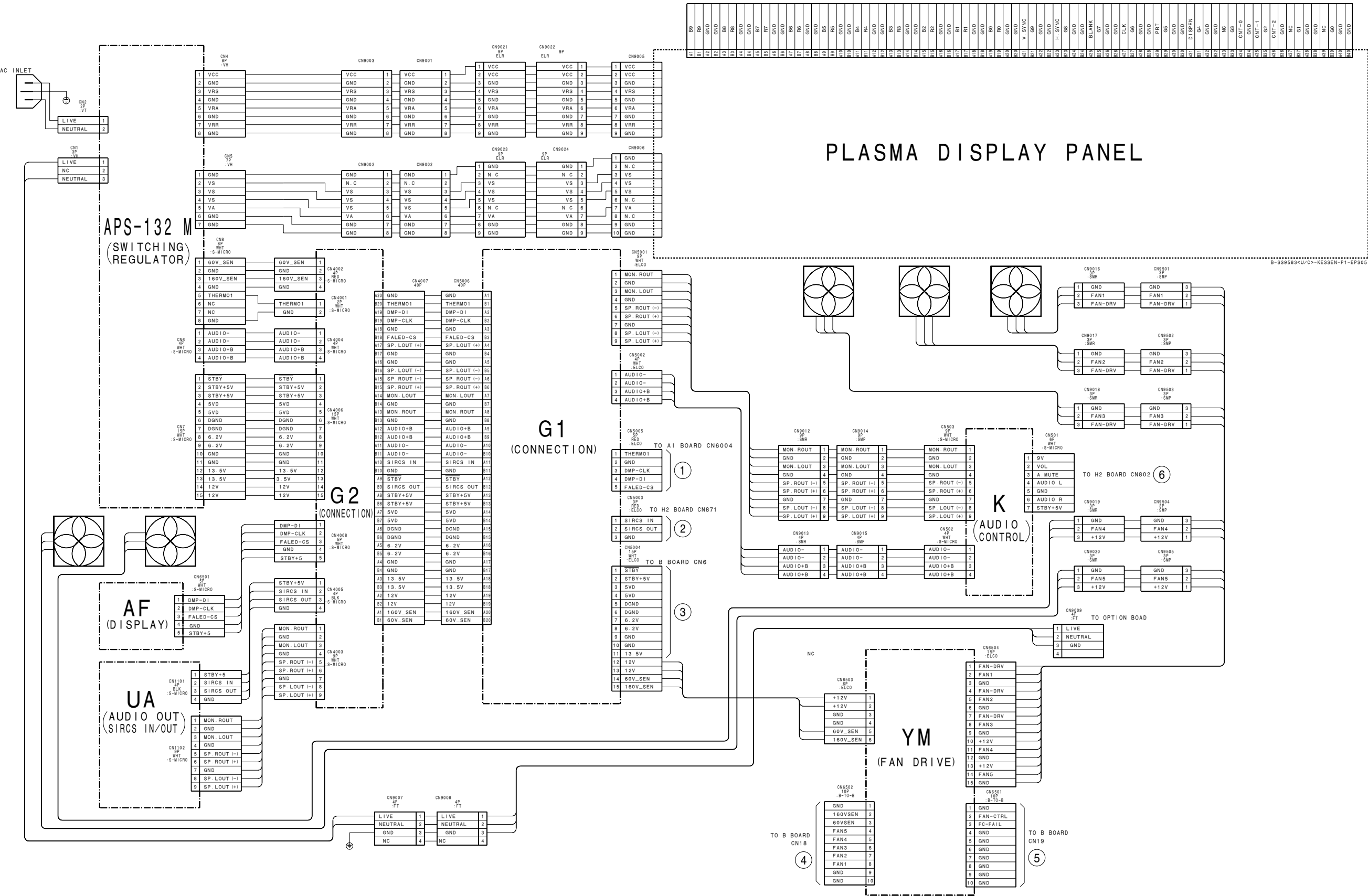










Section 9
Diagrams

9-1. Frame Schematic Diagrams










9-2. Schematic Diagrams and Printed Wiring Boards


- Note:**
- All capacitors are in μF unless otherwise noted. pF: $\mu\mu\text{F}$ 50VV or less are not indicated except for electrolytics.
 - All electrolytics are in 50 V unless otherwise specified.
 -  : fusible resistor
 -  : nonflammable resistor
 -  : internal component
 -  : panel designation and adjustment for repair
 - Caution when replacing chip parts
New parts must be attached after removal of the chip.
Be careful not to heat the minus side of a tantalum capacitor, because it is easily damaged by the heat.

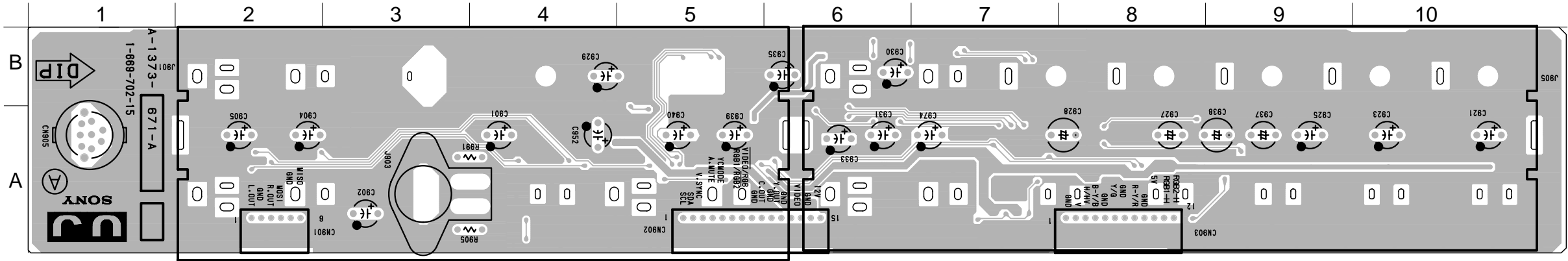
Reference information

RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFLAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
COIL	※	: ADJUSTMENT RESISTOR
	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

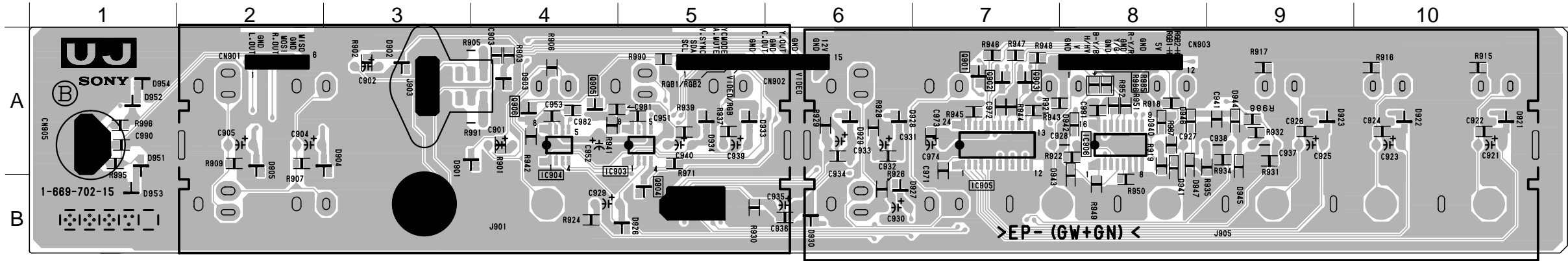
- [Measuring conditions, voltage and waveform]**
- A voltage value is the reference value between the measurement point and the earth, when the NTSC color bar signal is received from the color bar generator (digital multi-meter used: 10 M ohms/ V DC).
 - Unit of voltage is V (volt).
 -  : B+line
 -  : B- line
 - Voltage variations may occur due to normal production tolerances.
 -  : Measurement disabled.
 - Circled numbers indicate the reference waveform.
 -  : Signal path.

The components identified marked  are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.



UJ - A SIDE -
SUFFIX: -15



UJ - B SIDE -
SUFFIX: -15

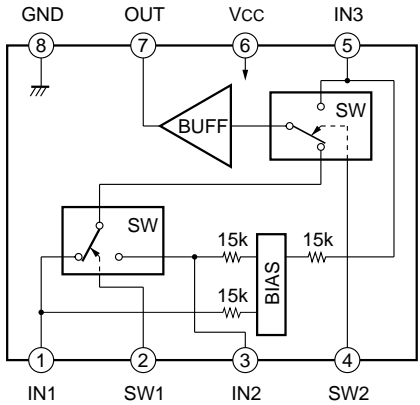
UJ BOARD
*: B SIDE

- D901 *A-3
- D902 *A-3
- D903 *A-4
- D904 *A-3
- D905 *A-2
- D921 *A-10
- D922 *A-10
- D923 *A-9
- D926 *B-5
- D927 *B-6
- D928 *A-6
- D929 *A-6
- D930 *B-6
- D933 *A-5
- D934 *A-5
- D940 *A-8
- D941 *A-8
- D942 *A-8
- D943 *A-8
- D944 *A-9
- D945 *A-9
- D946 *A-8
- D947 *A-8
- D951 *A-1
- D952 *A-1
- D953 *B-1
- D954 *A-1

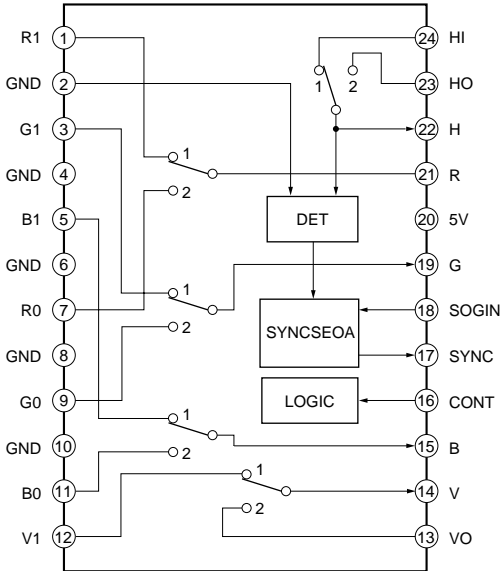
- IC903 *A-5
- IC904 *A-4
- IC905 *A-7
- IC906 *A-8

- Q901 *A-7
- Q902 *A-7
- Q903 *A-7
- Q904 *B-5
- Q905 *A-4
- Q906 *A-4

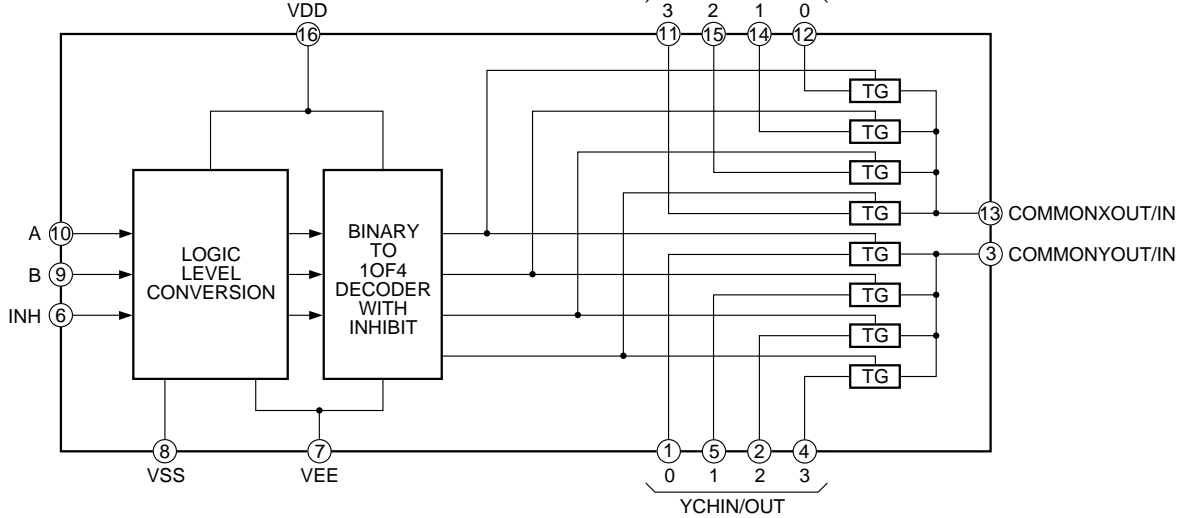
UJ BOARD IC903, IC904 MM1113XFBF

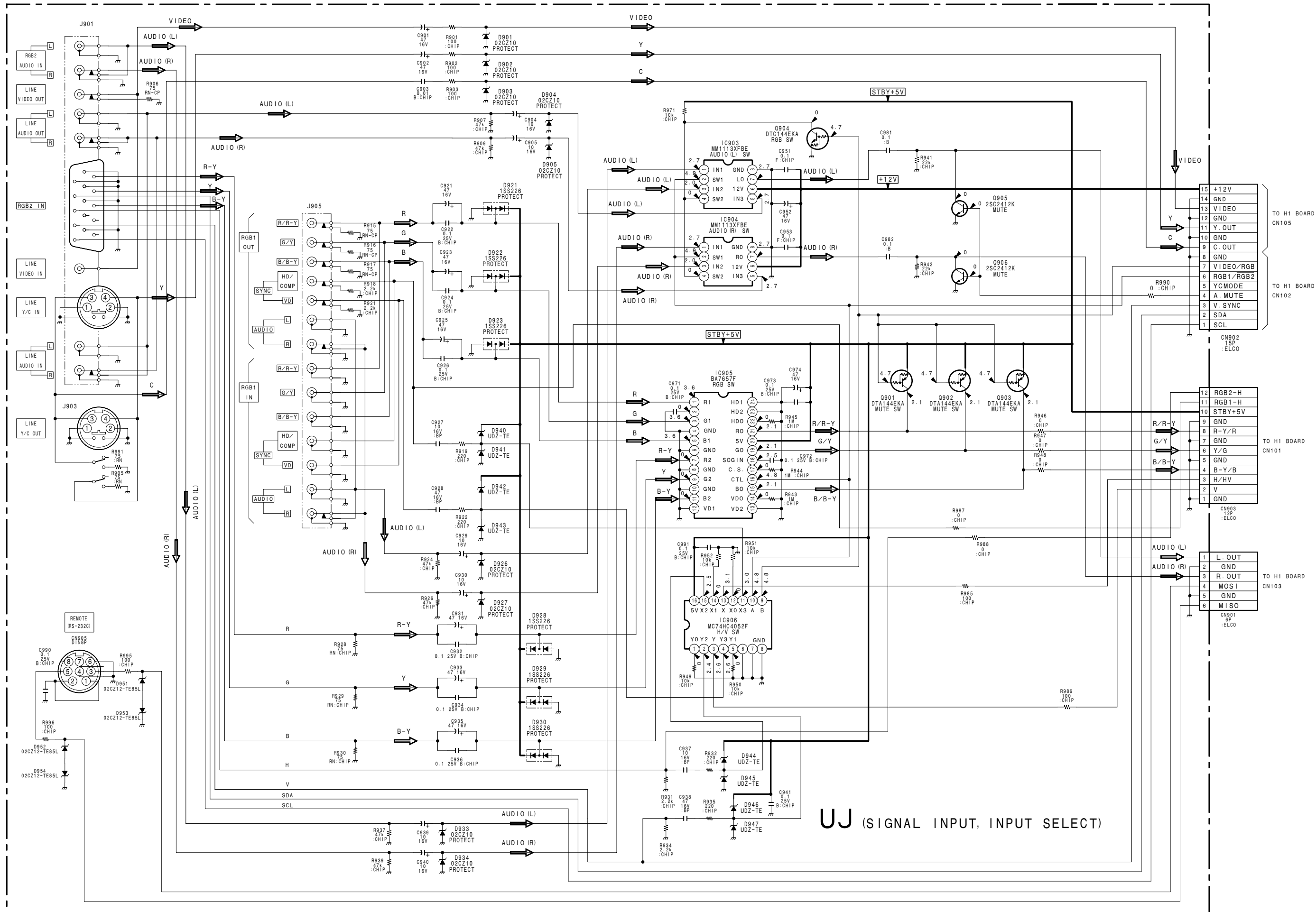


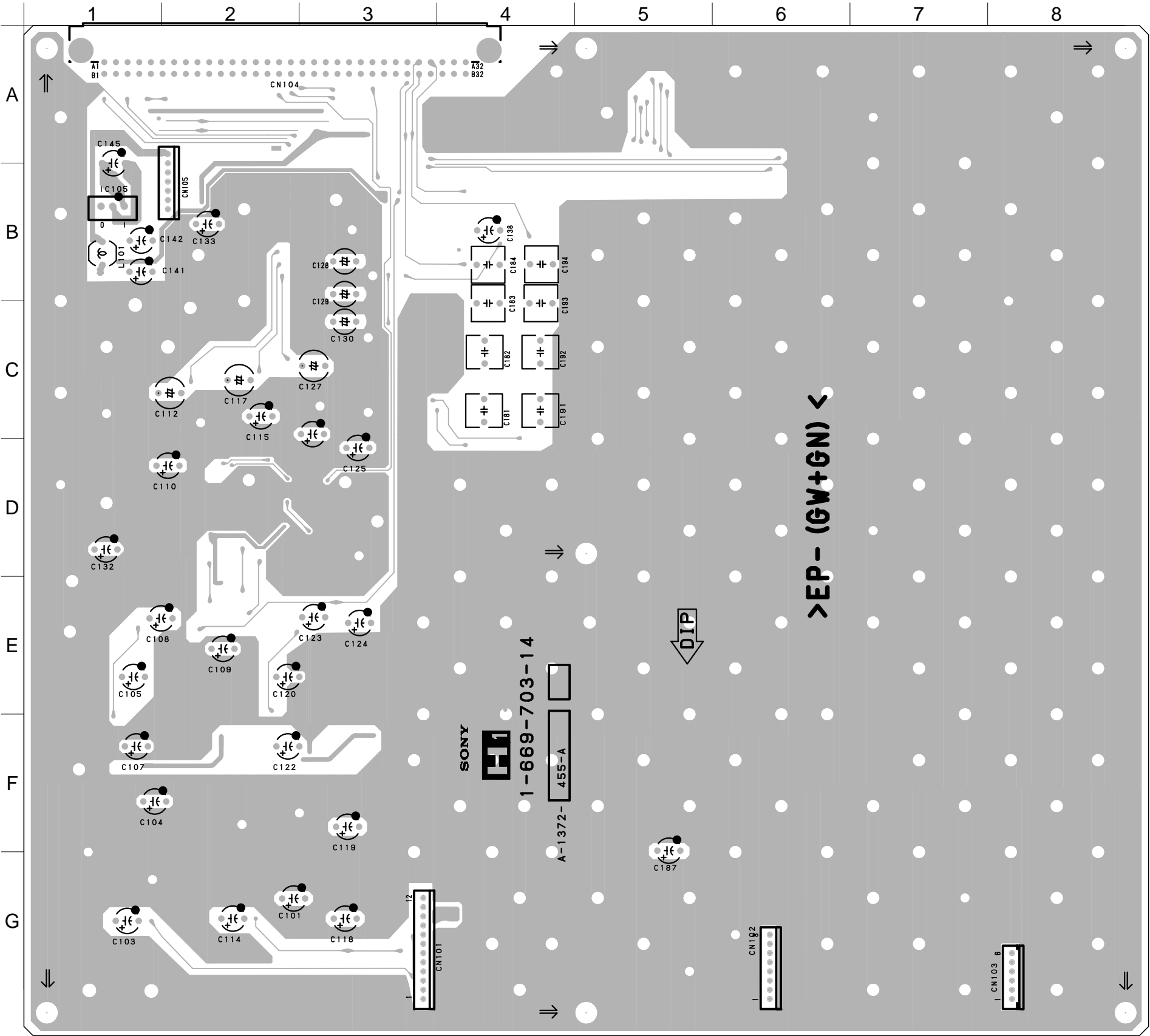
UJ BOARD IC905 BA7657F



UJ BOARD IC906 MC74HC4052F







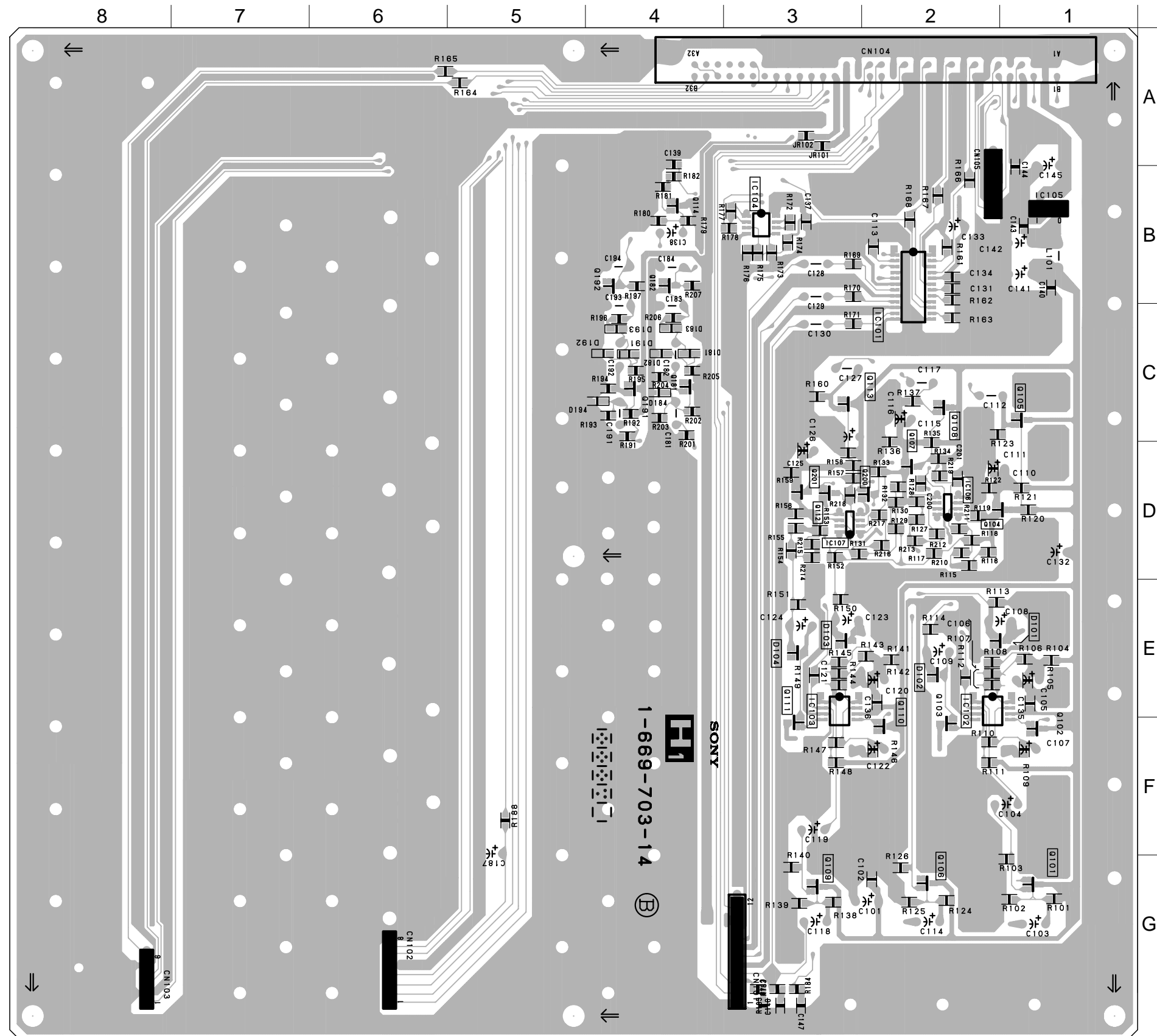
H1 BOARD
*: B SIDE

- D101 *E-2
- D102 *E-2
- D103 *E-3
- D104 *E-3
- D181 *C-4
- D182 *C-4
- D183 *C-4
- D184 *C-4
- D191 *C-4
- D192 *C-4
- D193 *C-4
- D194 *C-4

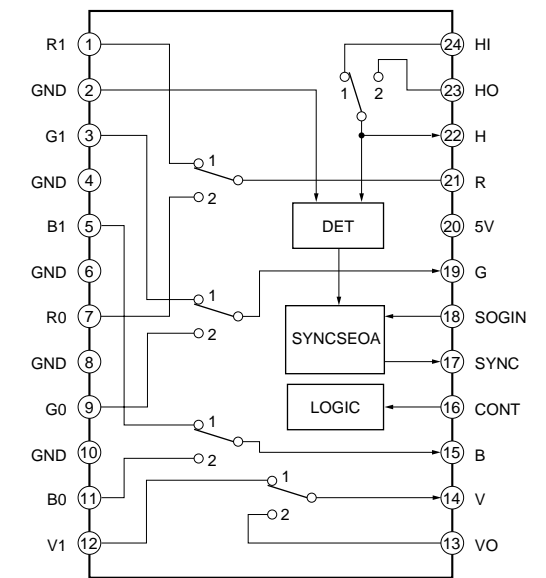
- IC101 *B-2
- IC102 *E-2
- IC103 *E-3
- IC104 *B-3
- IC105 *B-1
- IC106 *D-2
- IC107 *D-3

- Q101 *G-1
- Q102 *F-1
- Q103 *F-2
- Q104 *D-2
- Q105 *C-1
- Q106 *G-2
- Q107 *D-2
- Q108 *C-2
- Q109 *G-3
- Q110 *F-2
- Q111 *F-3
- Q112 *D-3
- Q113 *C-3
- Q114 *B-4
- Q181 *C-4
- Q182 *B-4
- Q191 *C-4
- Q192 *B-4
- Q200 *D-3
- Q201 *D-3

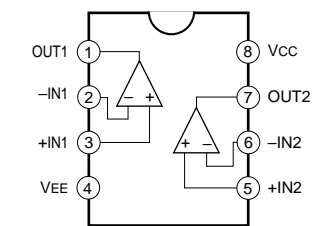
H1 - A SIDE -
SUFFIX: -14



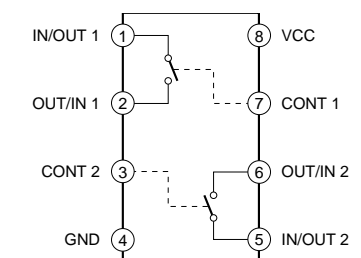
H1 BOARD IC101 BA7657F



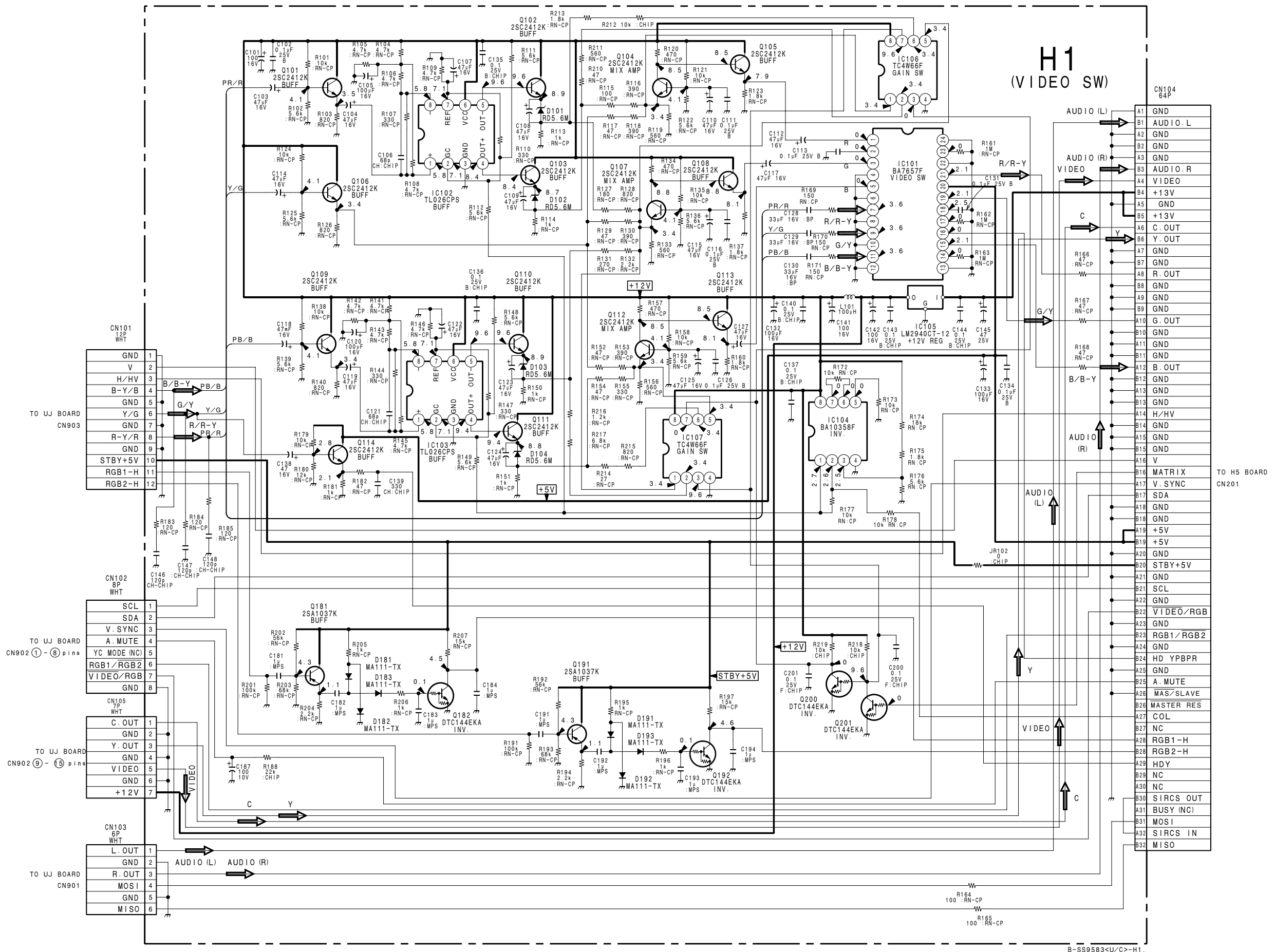
H1 BOARD IC104 BA10358F



H1 BOARD IC107 TC4W66F



H1 - B SIDE -
SUFFIX: -14



B-SS9583<U/C>-H1.



H2 - A SIDE -
SUFFIX: -15



H2 - B SIDE -
SUFFIX: -15

H2 BOARD
*: B SIDE

D801	*B-7	D872	A-7	IC871	*A-8
D802	*B-7	D873	A-7	IC872	A-7
D803	*A-7	D874	A-7	IC873	A-9
D804	*A-7	D875	A-8		
D805	*A-7	D876	*A-8	Q850	A-8
D806	*A-7	D877	*A-8	Q851	*A-8
D807	A-8	D878	*A-8	Q852	*A-8
D808	A-8	D879	*A-8	Q853	A-8
D809	A-8	D880	*A-8	Q871	*A-8
D810	A-8	D881	A-9	Q872	*A-7
D811	A-8	D882	A-9	Q873	*A-7
D812	A-8	D898	*A-7	Q874	*A-7
D850	*A-8	D899	*A-9	Q875	*A-7
D851	*A-8			Q876	*A-7
D852	A-8	IC801	*A-6	Q877	*A-7
D853	A-8	IC802	A-4	Q878	*A-8
D871	A-7	IC803	A-5	Q879	A-4

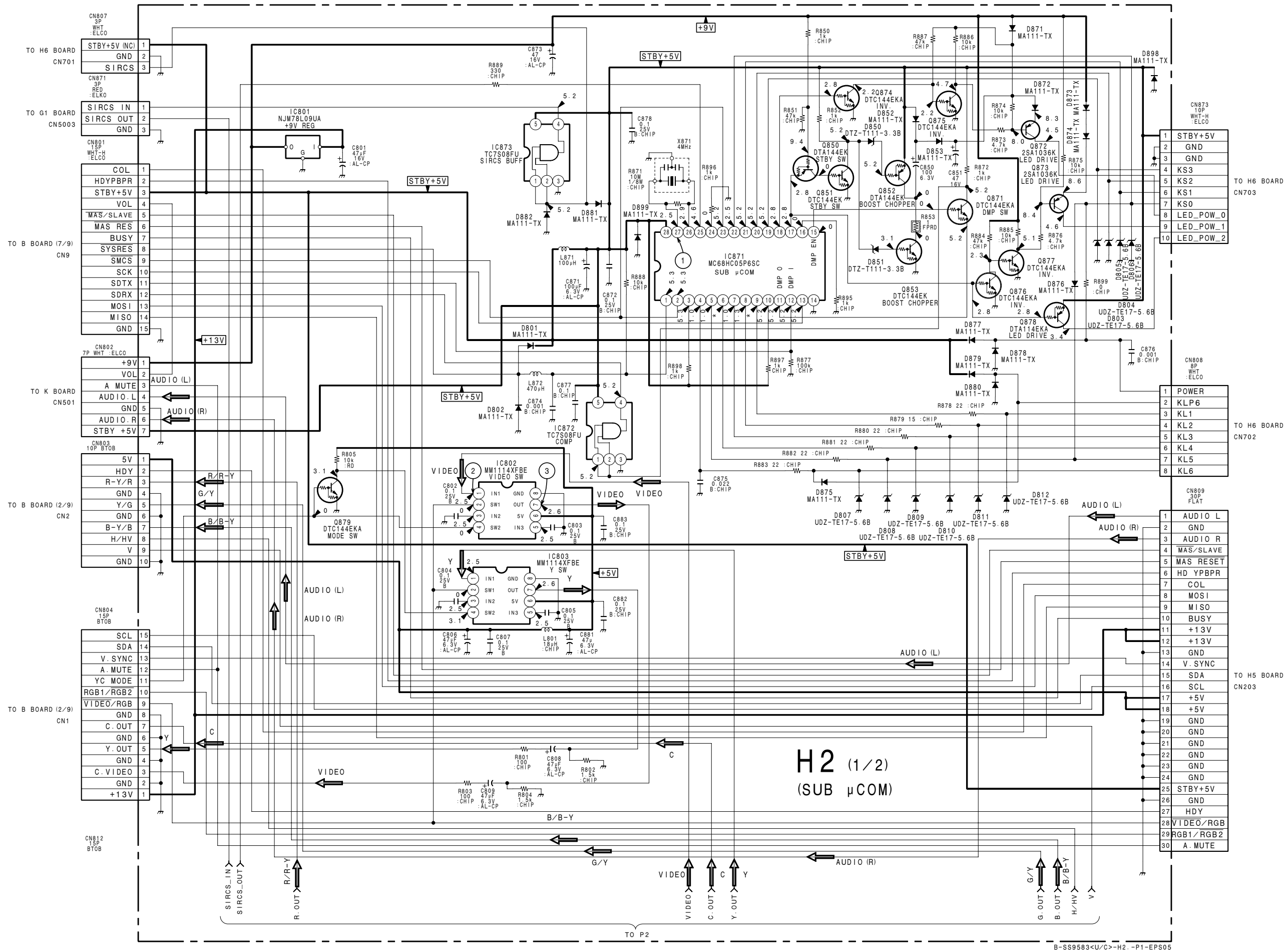
1

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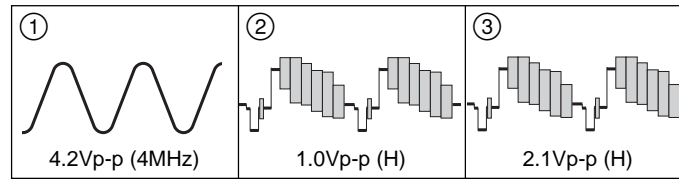
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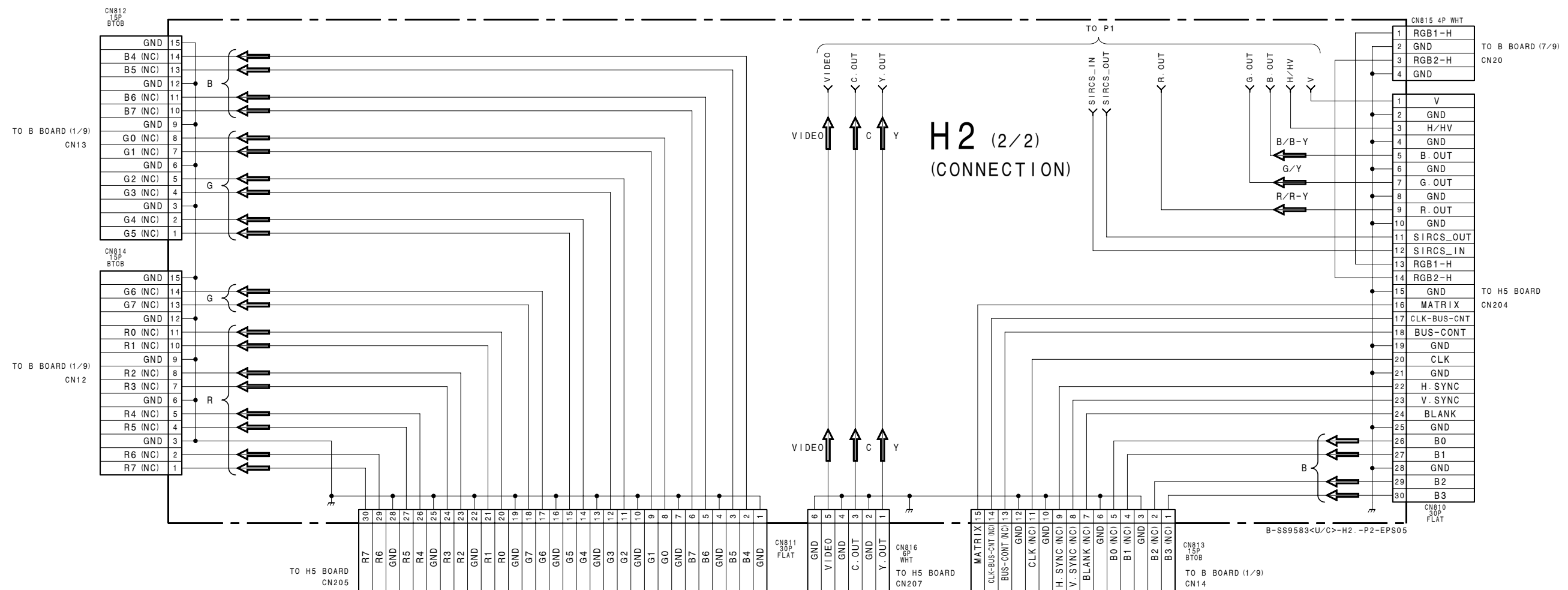
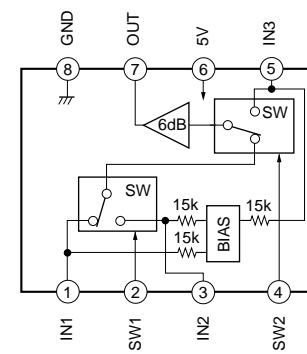
H2 (1/2)
(SUB μ COM)

B-SS9583<U/C>-H2.-P1-EP505

- H2 BOARD WAVEFORMS



H2 BOARD IC802, 803 MM1114XFBE



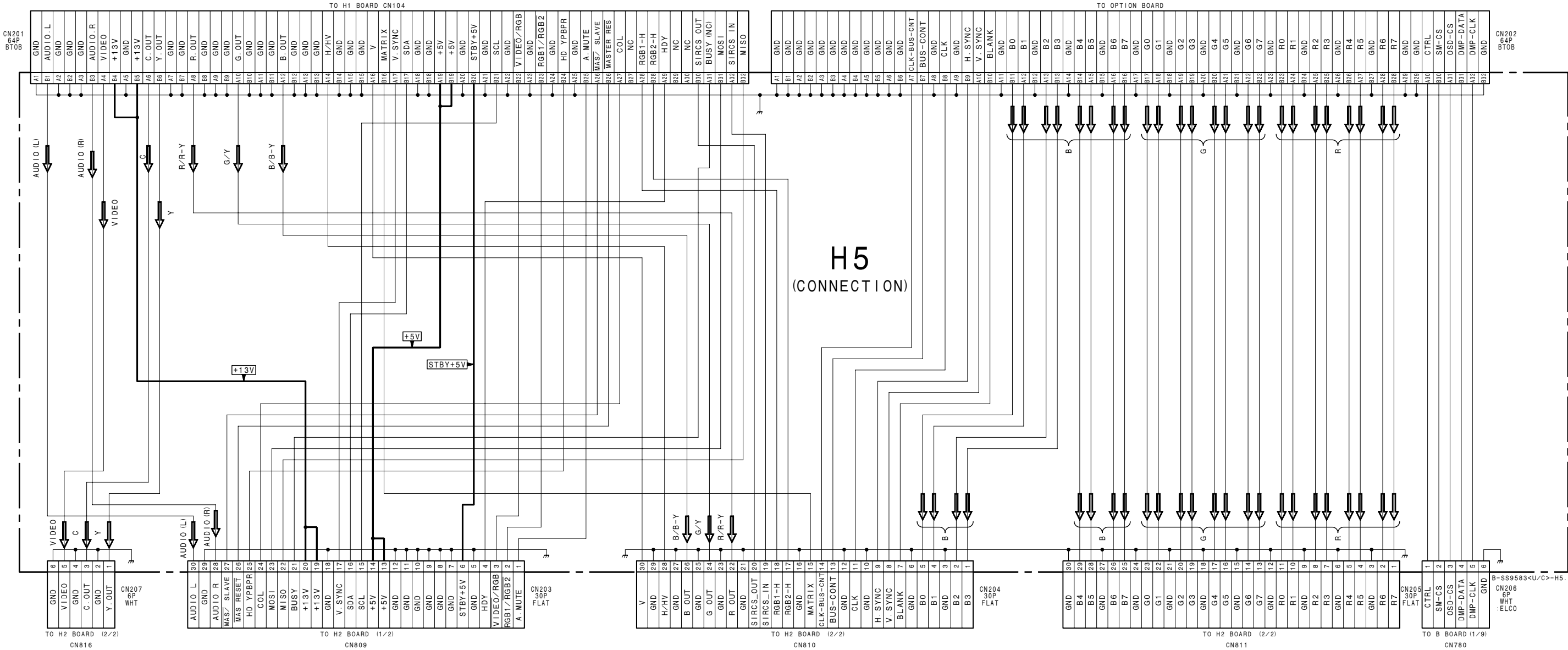
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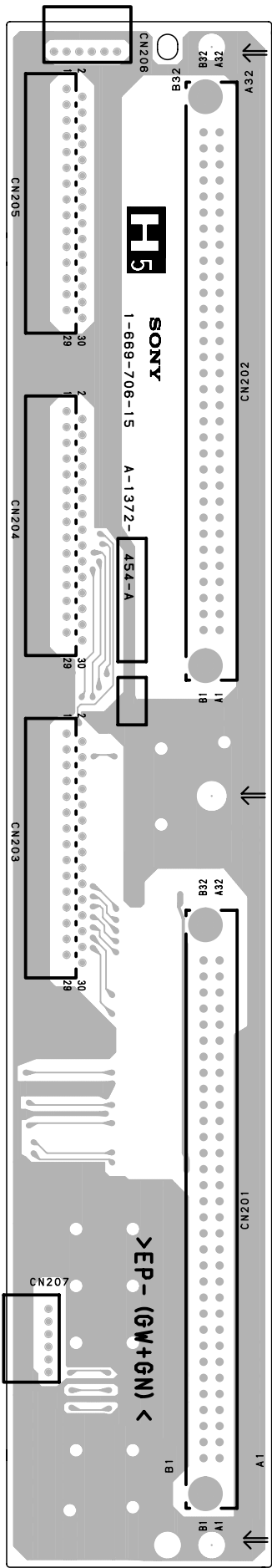
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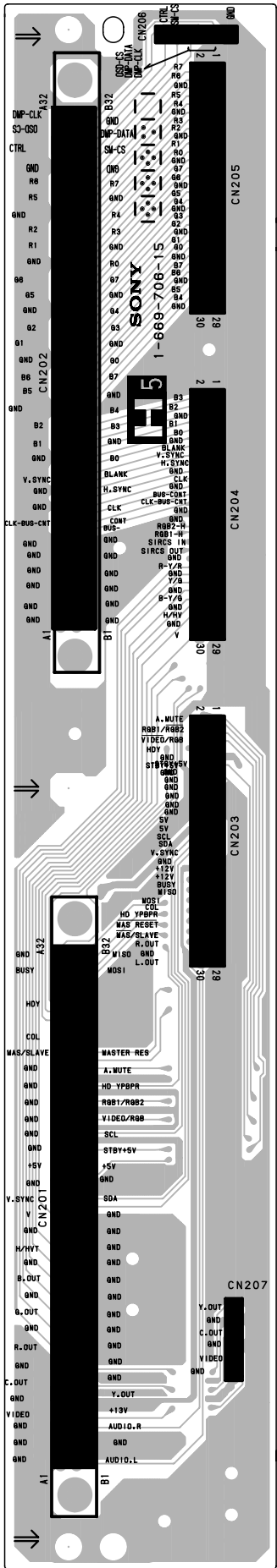
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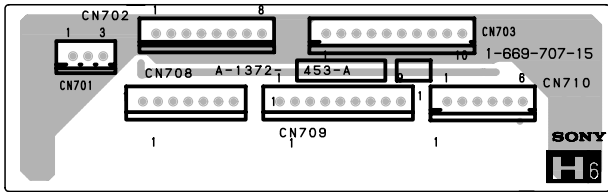




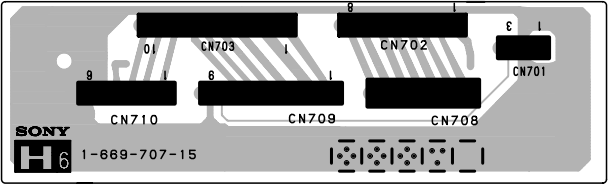
H5 - A SIDE -
SUFFIX: -15



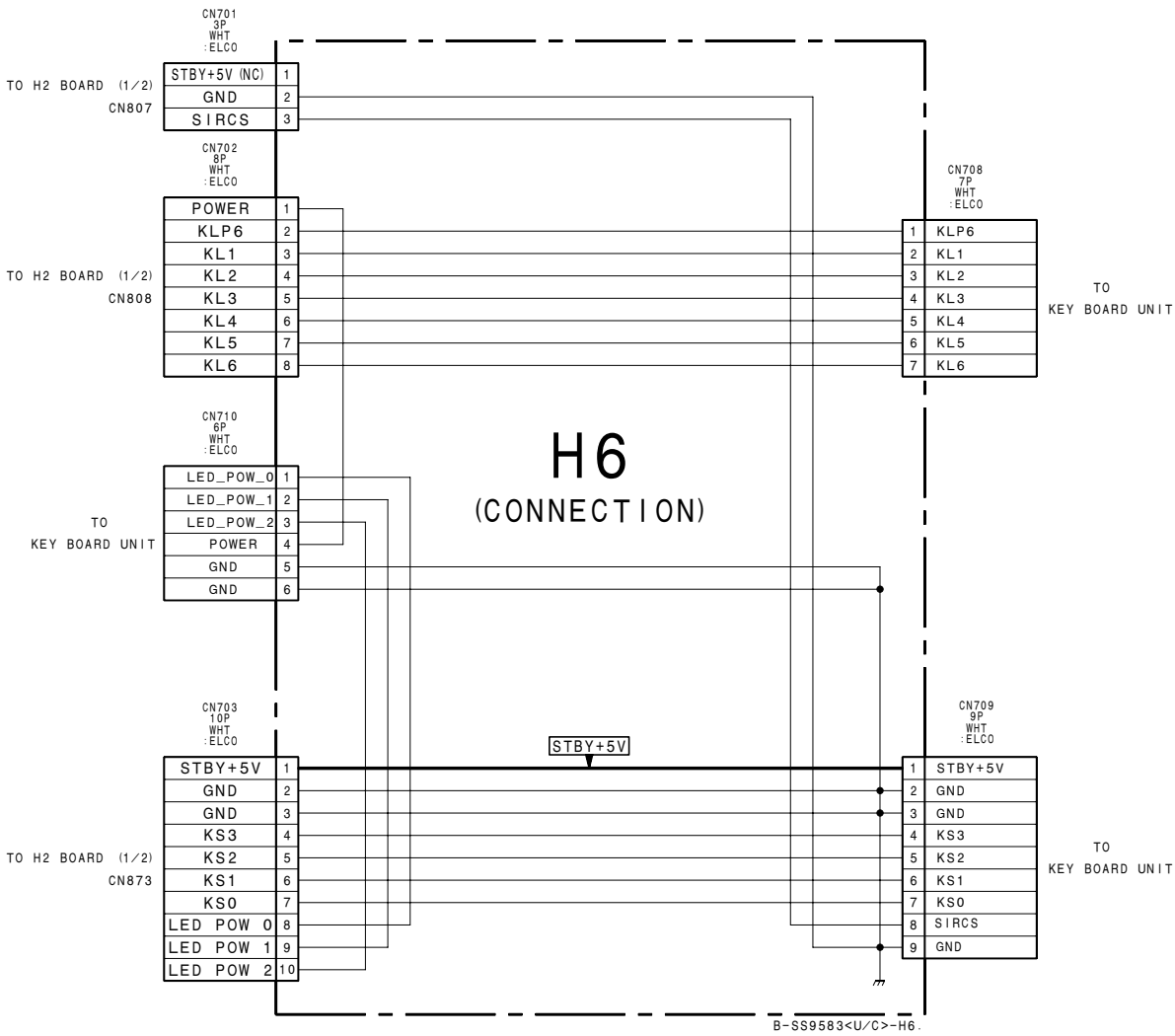
H5 - B SIDE -
SUFFIX: -15

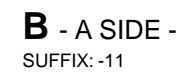


H6 - A SIDE -
SUFFIX: -15



H6 - B SIDE -
SUFFIX: -15

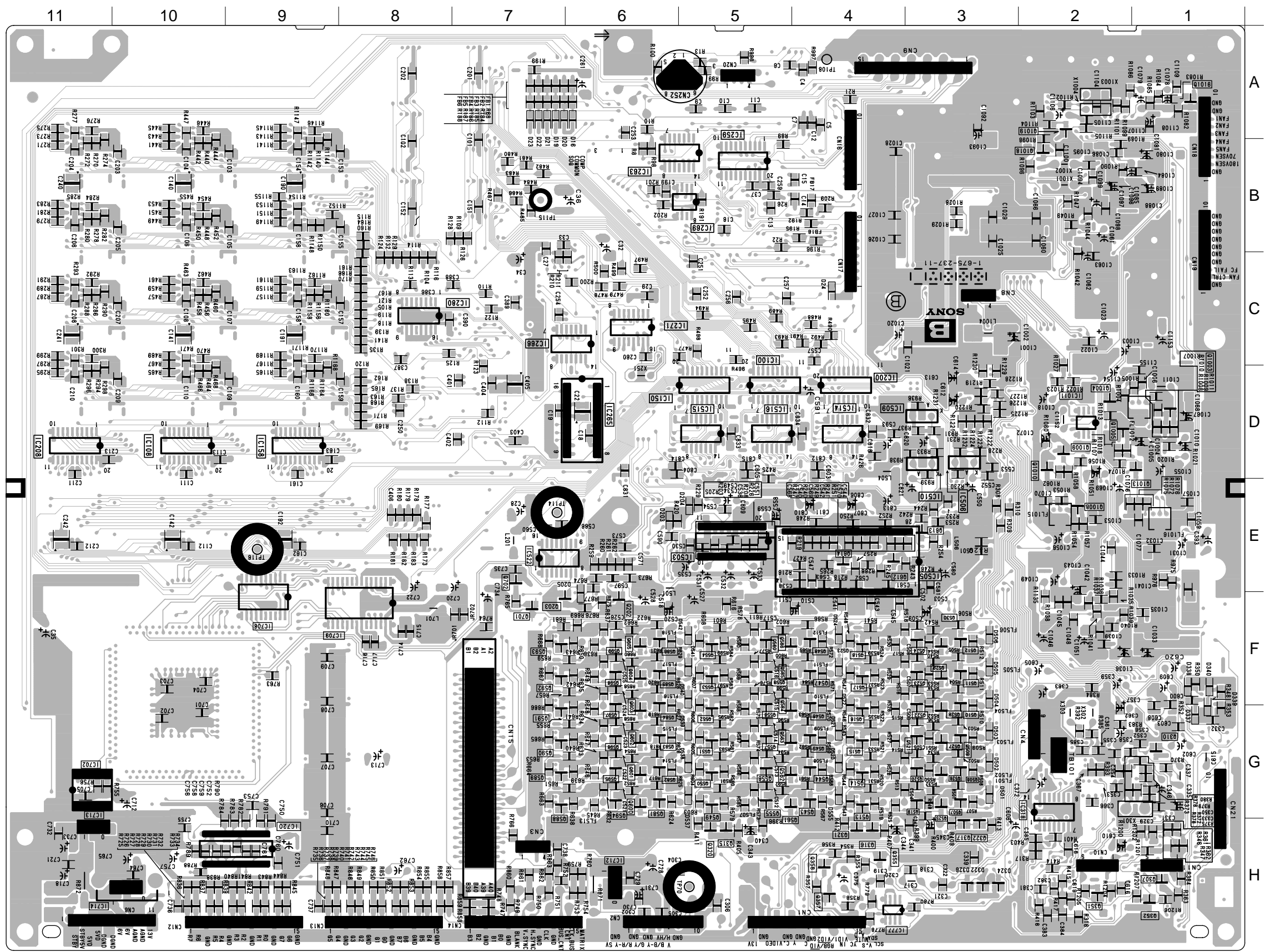


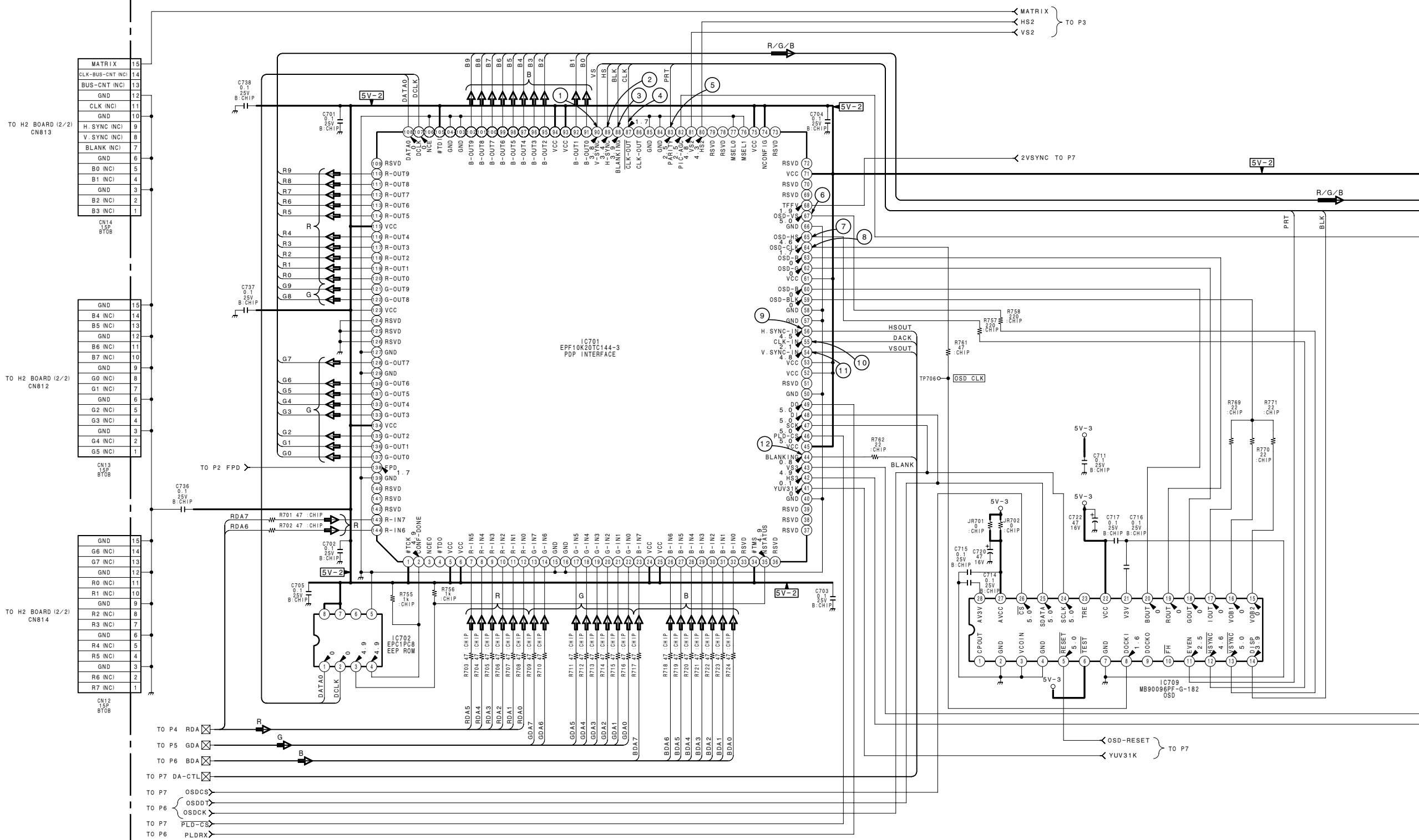


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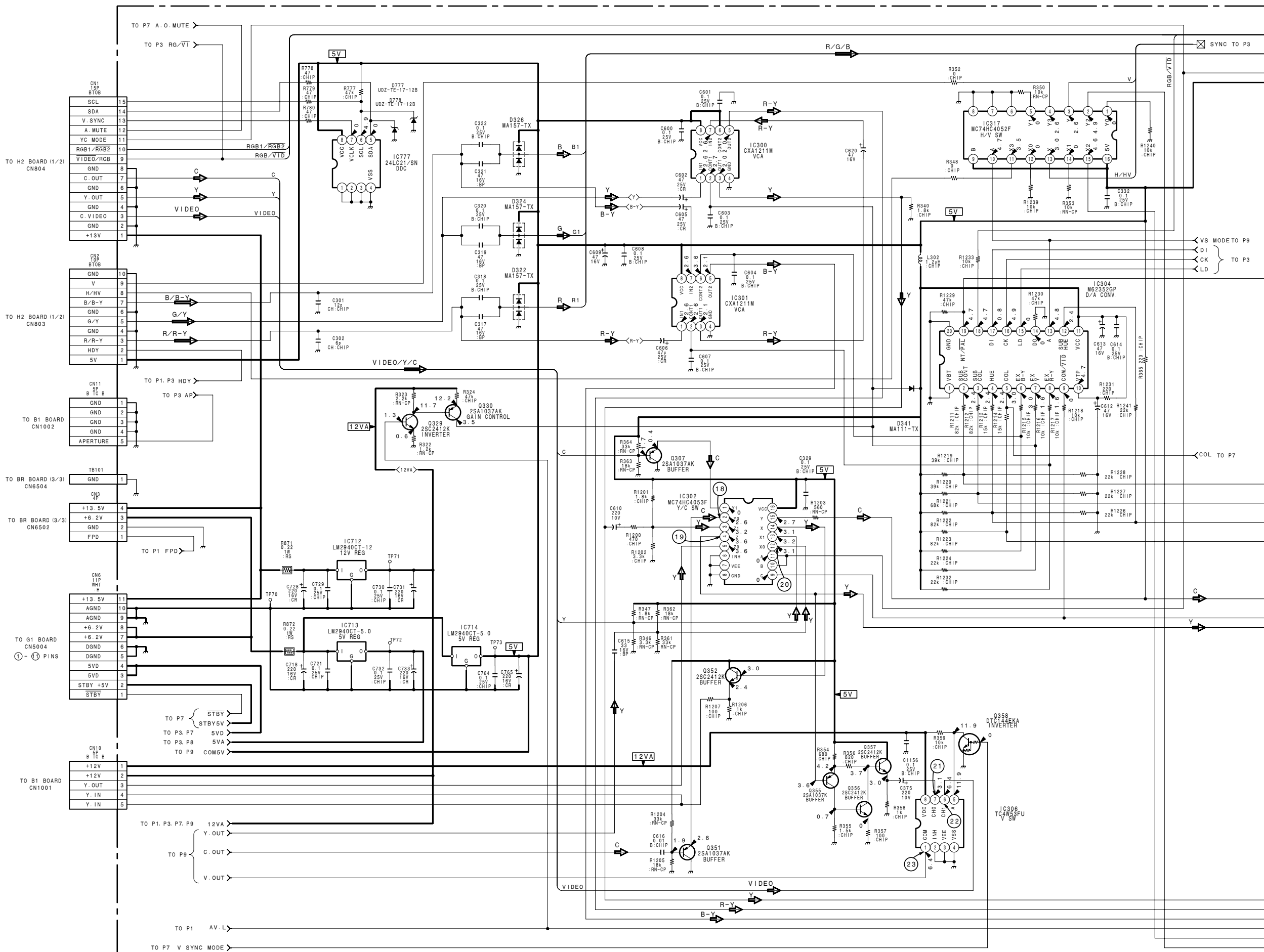
IC101
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IC150
IC151
IC152
IC153
IC154
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IC158
IC200
IC201
IC202
IC203
IC204
IC205
IC206
IC207
IC208
IC250
IC251
IC252
IC253
IC254
IC255
IC256
IC255

Q324	H-1	Q582	*G-6
Q325	H-2	Q583	*G-6
Q326	H-2	Q584	*F-6
Q327	H-1	Q585	*F-6
Q328	H-1	Q586	*F-6
Q329	F-1	Q587	*F-5
Q330	F-1	Q588	*G-7
Q351	*H-2	Q589	*G-7
Q352	*H-1	Q590	*G-7
Q354	G-2	Q591	*G-7
Q355	*H-4	Q592	*F-7
Q356	*H-4	Q593	*F-7
Q357	*H-4	Q594	*G-6
Q358	H-4	Q595	*G-6
Q501	G-1	Q596	*G-6
Q502	G-1	Q597	*G-6
Q503	G-1	Q598	*F-6
Q504	F-1	Q599	*F-6
Q505	F-1	Q600	*G-6
Q506	F-1	Q601	*G-6
Q507	*G-3	Q602	*G-6
Q508	*G-3	Q603	*G-6
Q509	*G-3	Q604	*G-6
Q510	*G-3	Q605	*G-6
Q511	*F-3	Q606	*G-7
Q512	*F-3	Q607	*G-7
Q513	*G-4	Q608	*G-7
Q514	*G-4	Q609	*G-7
Q515	*G-4	Q610	*F-7
Q516	*G-4	Q611	*F-7
Q517	*F-4	Q612	*F-4
Q518	*F-4	Q613	*F-3
Q519	*G-3	Q614	*F-4
Q520	*G-3	Q615	*F-5
Q521	*G-3	Q701	*F-7
Q522	*G-3	Q702	*F-7
Q523	*F-3	Q703	*H-10
Q524	*F-3	Q704	*H-10
Q525	*G-3	Q1001	*D-2
Q526	*G-3	Q1002	*D-1
Q527	*G-3	Q1003	*D-1
Q528	*G-3	Q1004	*D-2
Q529	*F-3	Q1005	*D-2
Q530	*F-3	Q1006	*D-1
Q531	G-4	Q1007	*E-2
Q532	G-4	Q1008	*E-2
Q533	G-4	Q1009	*D-2
Q534	G-4	Q1010	*D-2
Q535	F-4	Q1011	*D-1
Q536	F-4	Q1012	*D-1
Q537	G-4	Q1013	*D-1
Q538	G-4	Q1014	*E-1
Q539	G-4	Q1015	*A-1
Q540	F-4	Q1016	*A-1
Q541	F-4	Q1017	*A-1
Q542	F-4	Q1018	*B-2
Q543	*G-4	Q1019	*A-2
Q544	*G-4	Q1020	*A-2
Q545	*F-4		
Q546	*F-4	TP7	C-5
Q547	*F-4	TP8	C-5
Q548	*F-4	TP10	C-4
Q549	*G-5	TP11	B-4
Q550	*G-5	TP12	C-4
Q551	*G-5	TP13	B-4
Q552	*G-5	TP14	B-6
Q553	*F-5	TP70	H-5
Q554	*F-5	TP71	*H-6
Q555	*G-5	TP72	H-10
Q556	*G-5	TP73	*H-6
Q557	*G-5	TP101	D-7
Q558	*G-5	TP102	D-7
Q559	*F-5	TP103	D-7
Q560	*F-5	TP104	D-7
Q561	*G-5	TP105	D-7
Q562	*G-5	TP106	D-8
Q563	*G-5	TP107	D-8
Q564	*G-5	TP108	*A-4
Q565	*F-5	TP109	D-8
Q566	*F-5	TP111	D-8
Q567	G-5	TP112	D-7
Q568	G-5	TP114	*E-7
Q569	G-5	TP115	*B-7
Q570	G-5	TP116	*E-9
Q571	F-5	TP501	D-5
Q572	F-5	TP502	D-5
Q573	F-5	TP503	E-5
Q574	G-5	TP505	C-3
Q575	G-5	TP506	C-3
Q576	G-5	TP701	H-8
Q577	F-5	TP702	F-8
Q578	F-5	TP703	F-8
Q579	F-5	TP704	F-8
Q580	F-5	TP705	F-8
Q581	*G-6	TP706	E-10



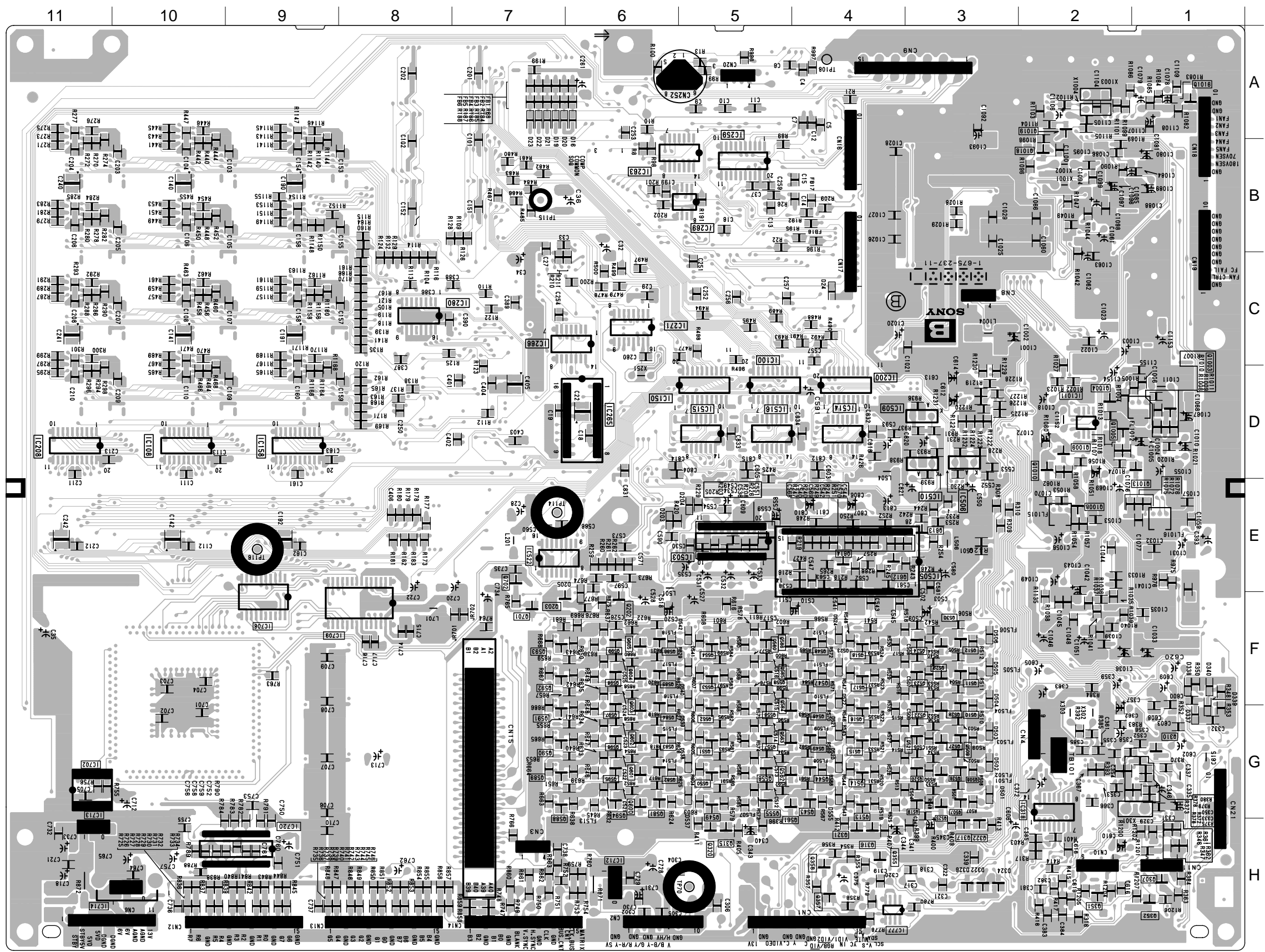


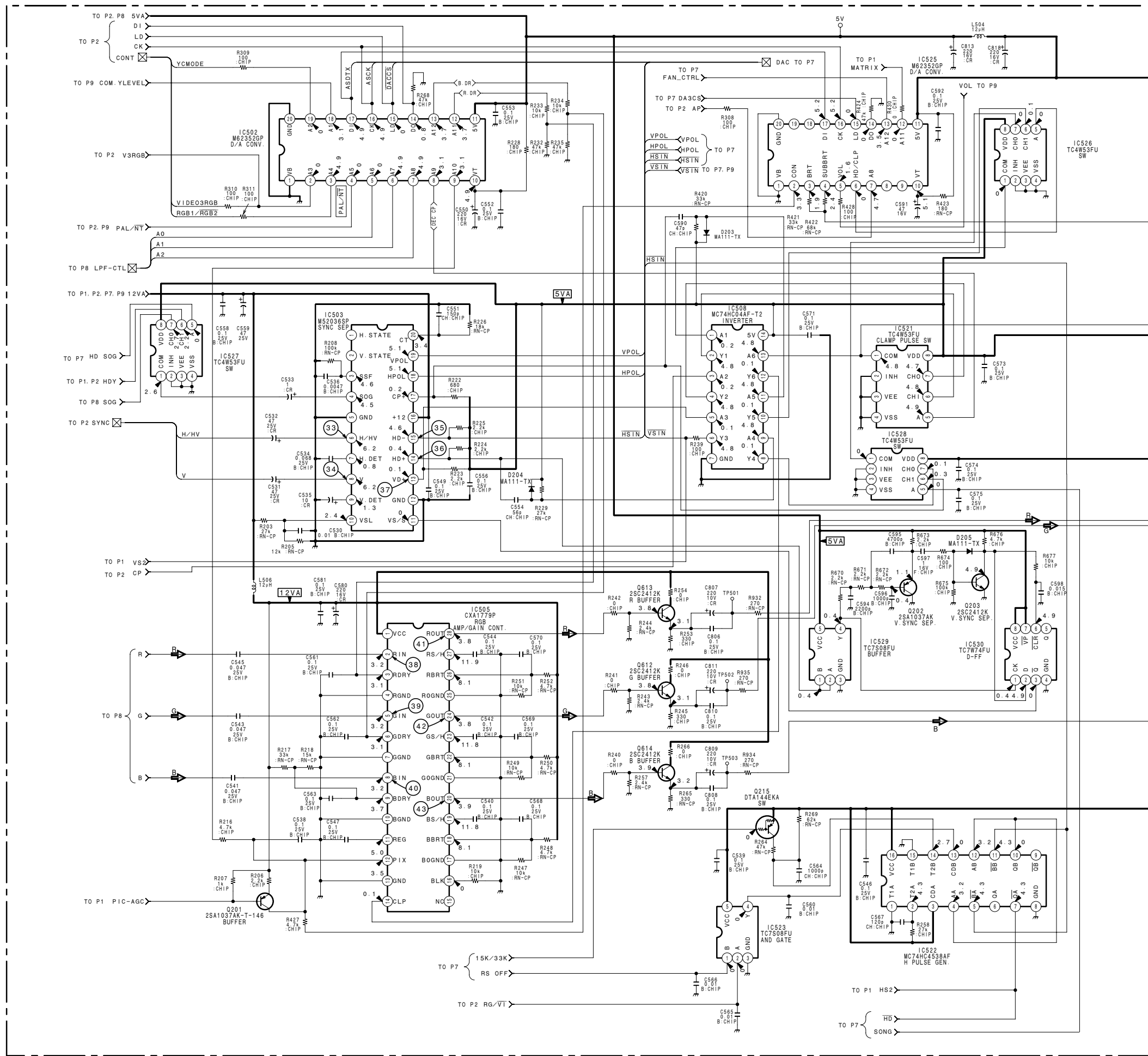


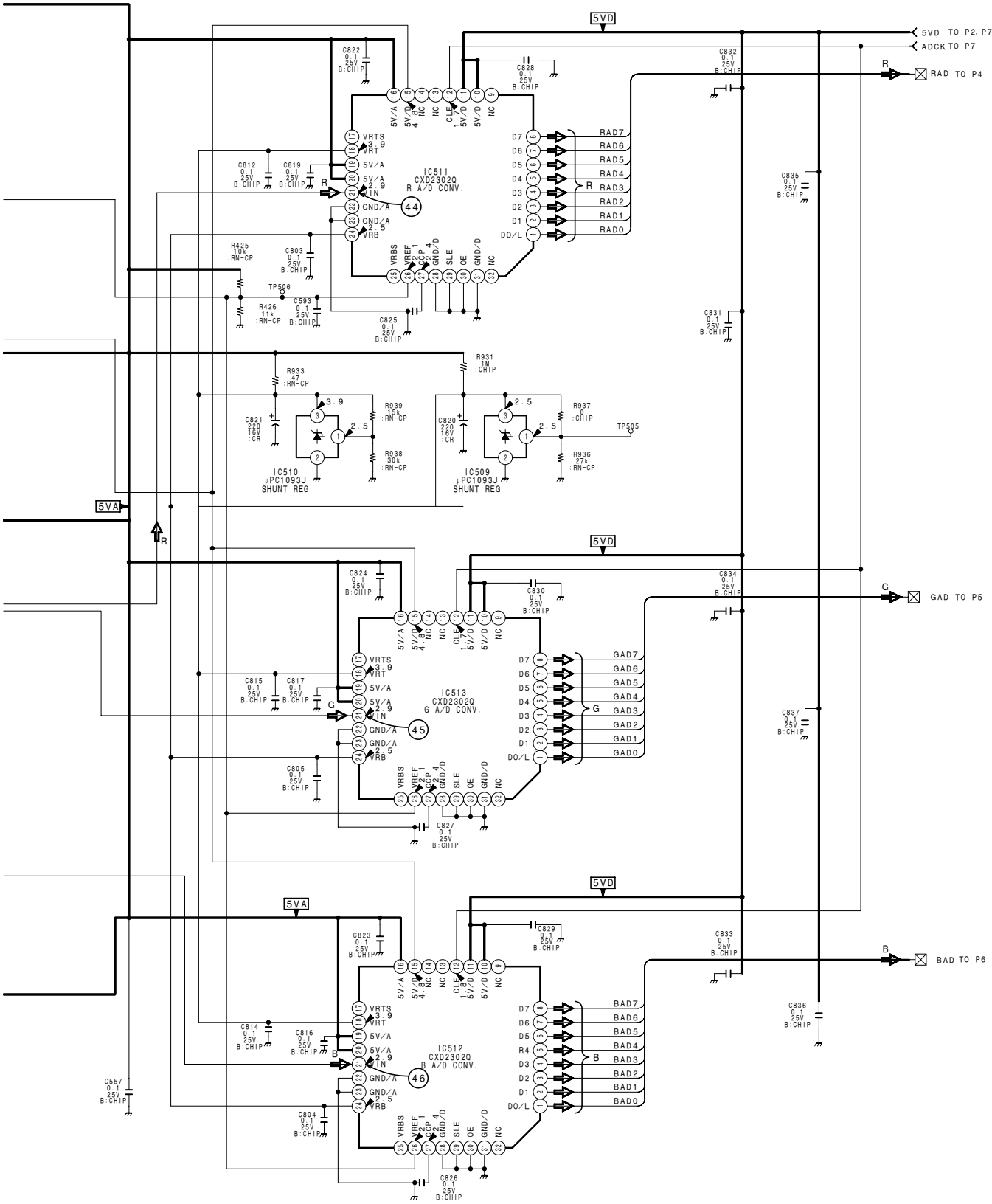




Q324	H-1	Q582	*G-6
Q325	H-2	Q583	*G-6
Q326	H-2	Q584	*F-6
Q327	H-1	Q585	*F-6
Q328	H-1	Q586	*F-6
Q329	F-1	Q587	*F-5
Q330	F-1	Q588	*G-7
Q351	*H-2	Q589	*G-7
Q352	*H-1	Q590	*G-7
Q354	G-2	Q591	*G-7
Q355	*H-4	Q592	*F-7
Q356	*H-4	Q593	*F-7
Q357	*H-4	Q594	*G-6
Q358	H-4	Q595	*G-6
Q501	G-1	Q596	*G-6
Q502	G-1	Q597	*G-6
Q503	G-1	Q598	*F-6
Q504	F-1	Q599	*F-6
Q505	F-1	Q600	*G-6
Q506	F-1	Q601	*G-6
Q507	*G-3	Q602	*G-6
Q508	*G-3	Q603	*G-6
Q509	*G-3	Q604	*G-6
Q510	*G-3	Q605	*G-6
Q511	*F-3	Q606	*G-7
Q512	*F-3	Q607	*G-7
Q513	*G-4	Q608	*G-7
Q514	*G-4	Q609	*G-7
Q515	*G-4	Q610	*F-7
Q516	*G-4	Q611	*F-7
Q517	*F-4	Q612	*F-4
Q518	*F-4	Q613	*F-3
Q519	*G-3	Q614	*F-4
Q520	*G-3	Q615	*F-5
Q521	*G-3	Q701	*F-7
Q522	*G-3	Q702	*F-7
Q523	*F-3	Q703	*H-10
Q524	*F-3	Q704	*H-10
Q525	*G-3	Q1001	*D-2
Q526	*G-3	Q1002	*D-1
Q527	*G-3	Q1003	*D-1
Q528	*G-3	Q1004	*D-2
Q529	*F-3	Q1005	*D-2
Q530	*F-3	Q1006	*D-1
Q531	G-4	Q1007	*E-2
Q532	G-4	Q1008	*E-2
Q533	G-4	Q1009	*D-2
Q534	G-4	Q1010	*D-2
Q535	F-4	Q1011	*D-1
Q536	F-4	Q1012	*D-1
Q537	G-4	Q1013	*E-1
Q538	G-4	Q1014	*E-1
Q539	G-4	Q1015	*A-1
Q540	F-4	Q1016	*A-1
Q541	F-4	Q1017	*A-1
Q542	F-4	Q1018	*B-2
Q543	*G-4	Q1019	*A-2
Q544	*G-4	Q1020	*A-2
Q545	*F-4		
Q546	*F-4	TP7	C-5
Q547	*F-4	TP8	C-5
Q548	*F-4	TP10	C-4
Q549	*G-5	TP11	B-4
Q550	*G-5	TP12	C-4
Q551	*G-5	TP13	B-4
Q552	*G-5	TP14	B-6
Q553	*F-5	TP70	H-5
Q554	*F-5	TP71	*H-6
Q555	*G-5	TP72	*H-10
Q556	*G-5	TP73	*H-6
Q557	*G-5	TP101	D-7
Q558	*G-5	TP102	D-7
Q559	*F-5	TP103	D-7
Q560	*F-5	TP104	D-7
Q561	*G-5	TP105	D-7
Q562	*G-5	TP106	D-8
Q563	*G-5	TP107	D-8
Q564	*G-5	TP108	*A-4
Q565	*F-5	TP109	D-8
Q566	*F-5	TP111	D-8
Q567	G-5	TP112	D-7
Q568	G-5	TP114	*E-7
Q569	G-5	TP115	*B-7
Q570	G-5	TP116	*E-9
Q571	F-5	TP501	D-5
Q572	F-5	TP502	D-5
Q573	F-5	TP503	E-5
Q574	G-5	TP505	C-3
Q575	G-5	TP506	C-3
Q576	G-5	TP701	*H-8
Q577	F-5	TP702	F-8
Q578	F-5	TP703	F-8
Q579	F-5	TP704	F-8
Q580	F-5	TP705	F-8
Q581	*G-6	TP706	E-10



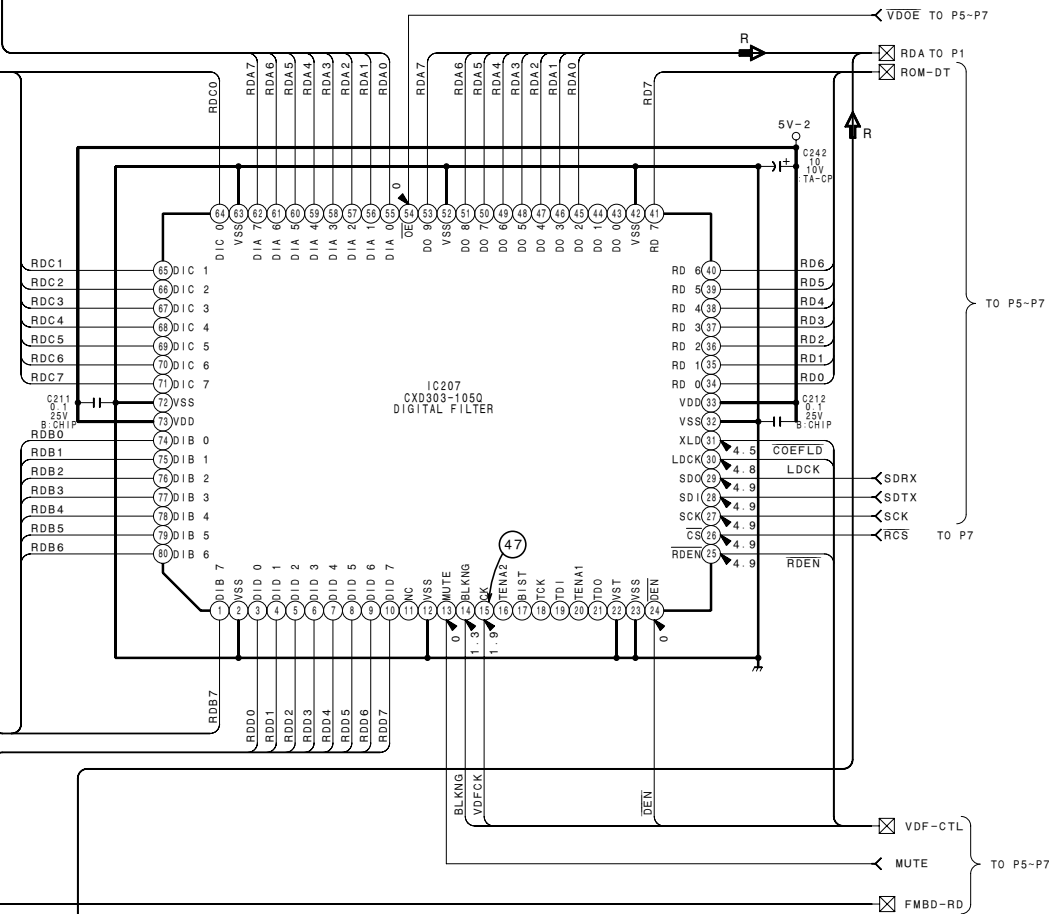
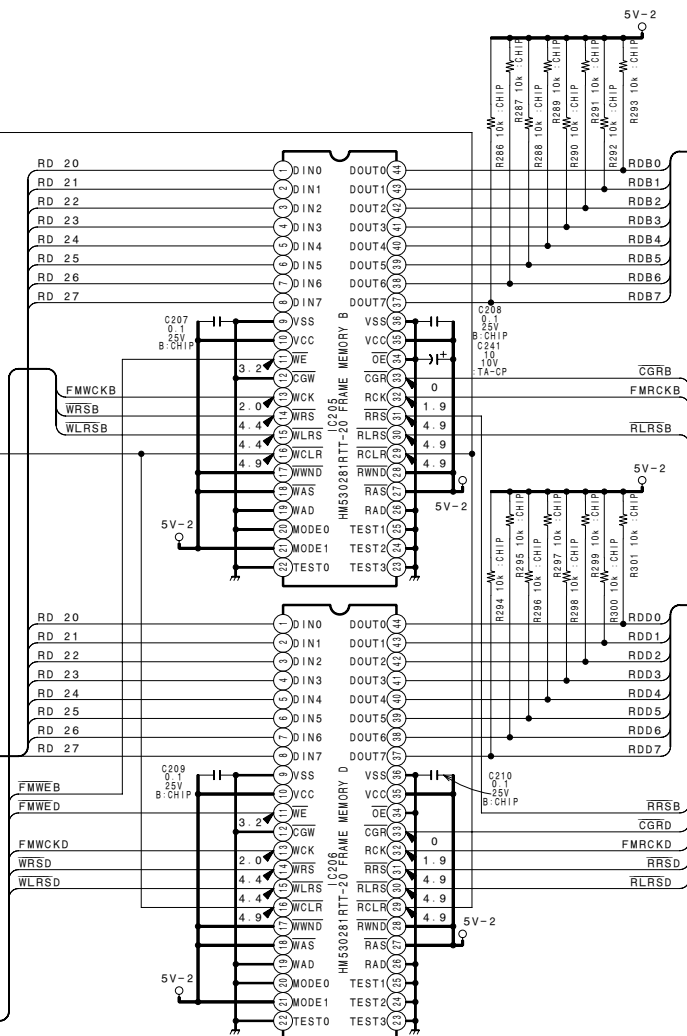




B (3/9)
(RGB A/D CONVERTER)

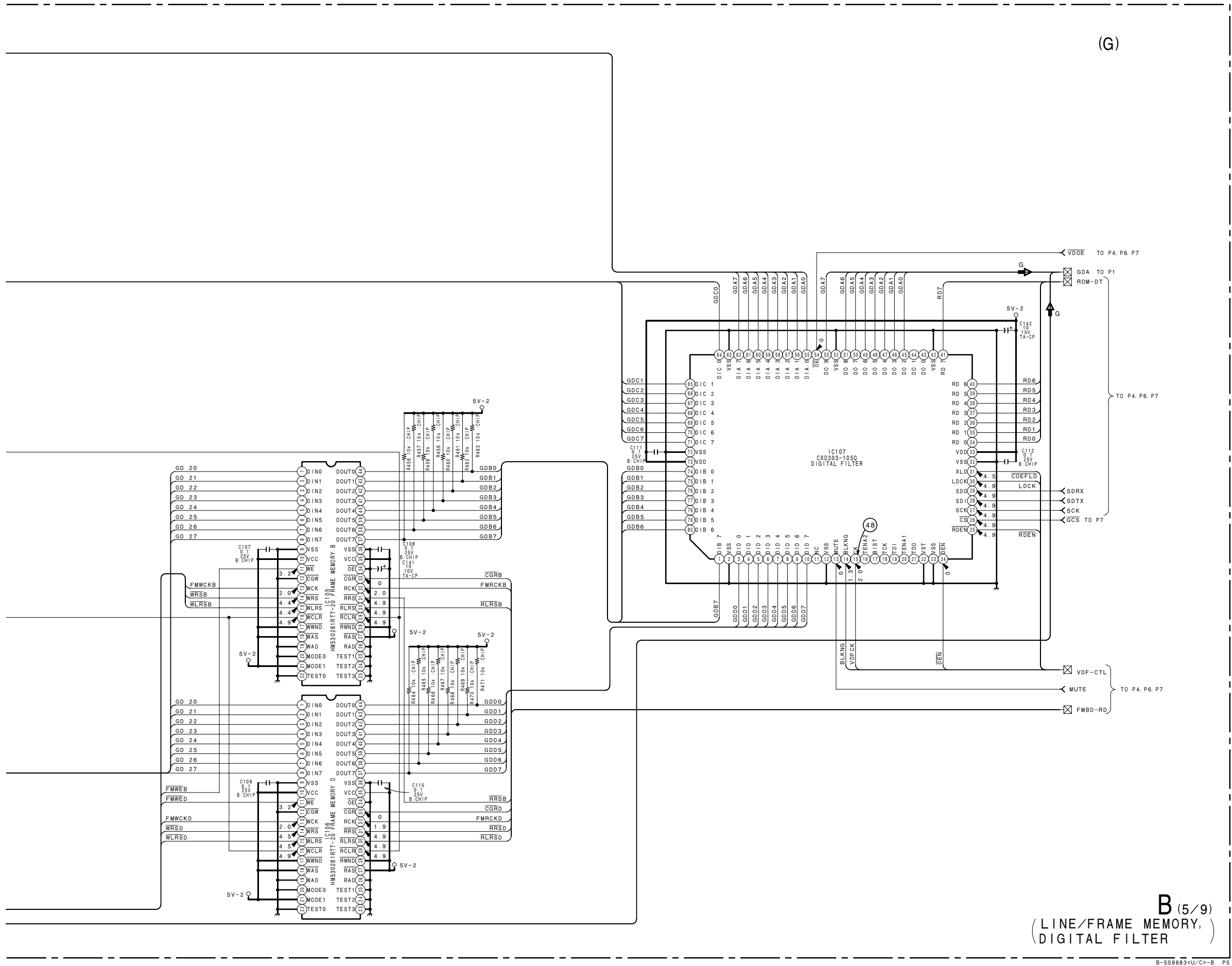


(R)



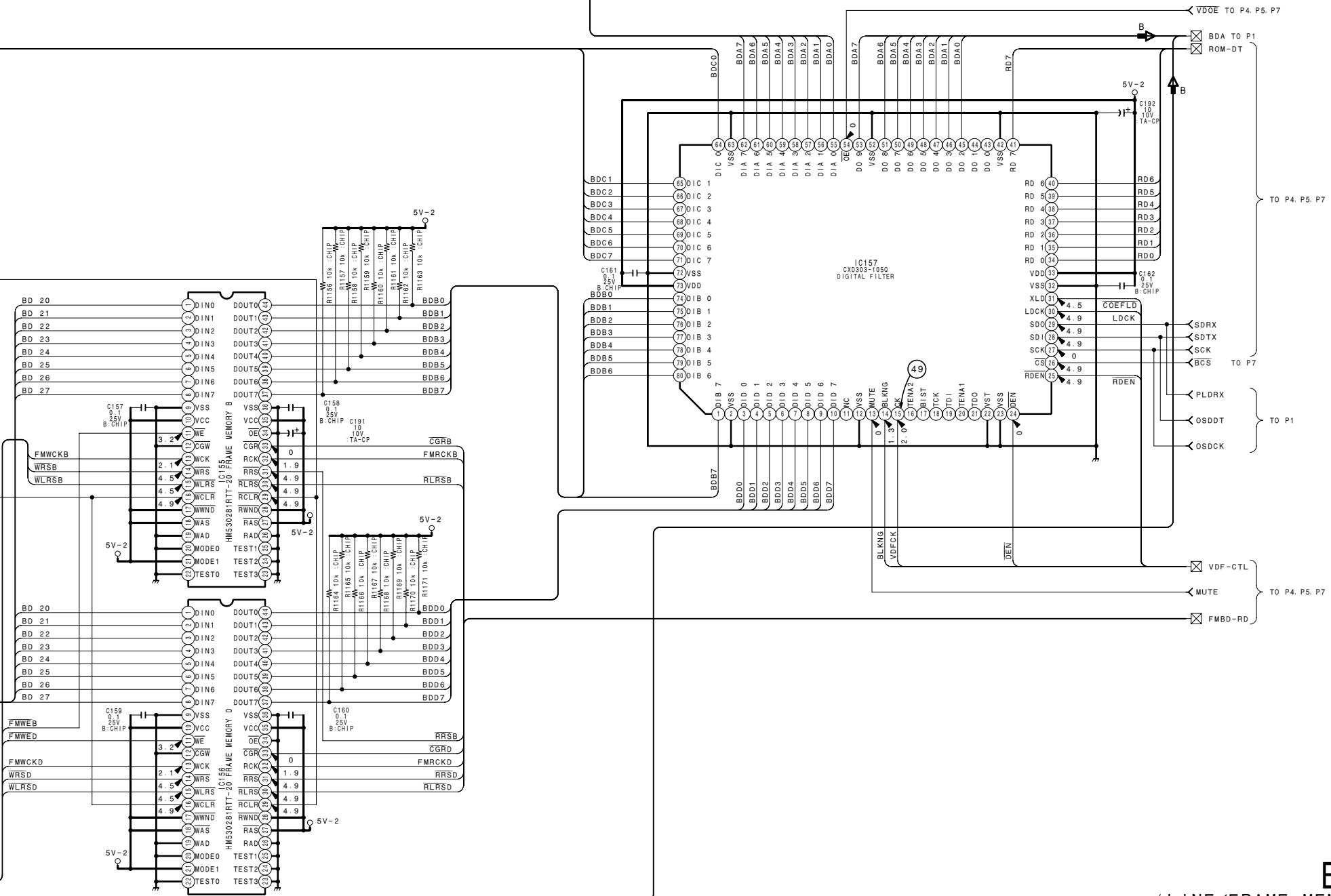
B (4/9)
(LINE/FRAME MEMORY,
DIGITAL FILTER)







(B)



B (6/9)
(LINE/FRAME MEMORY,
DIGITAL FILTER)

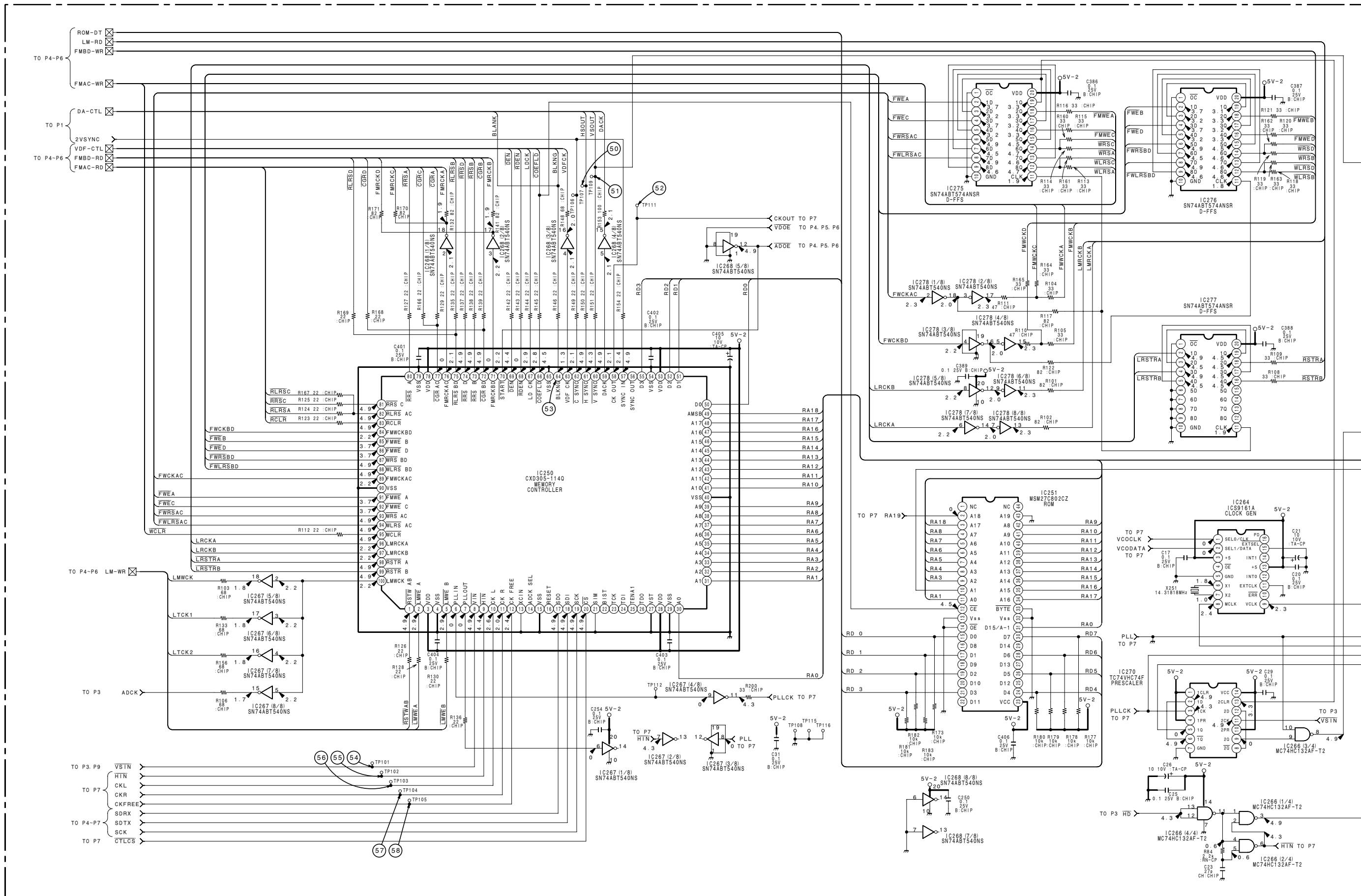
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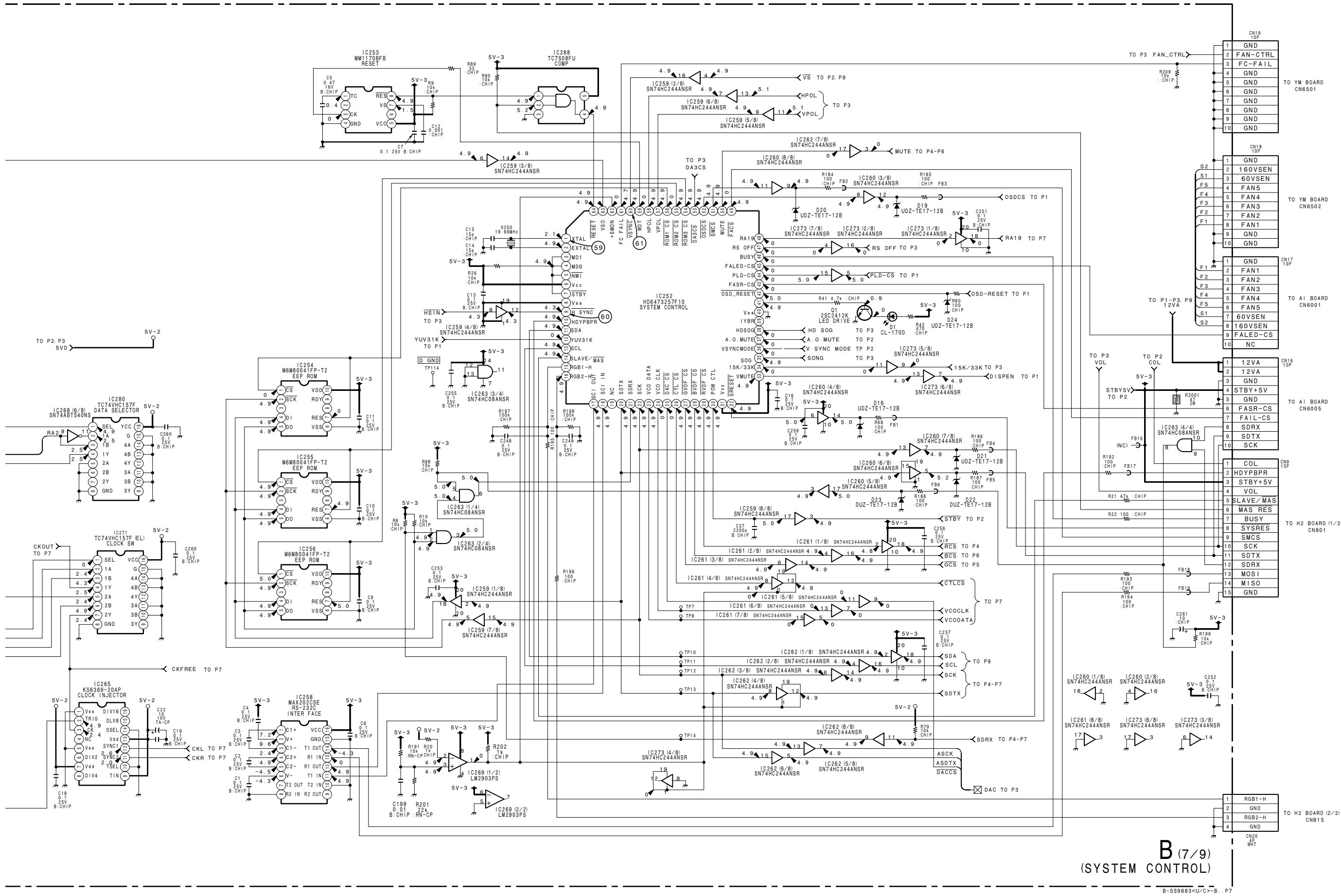
2

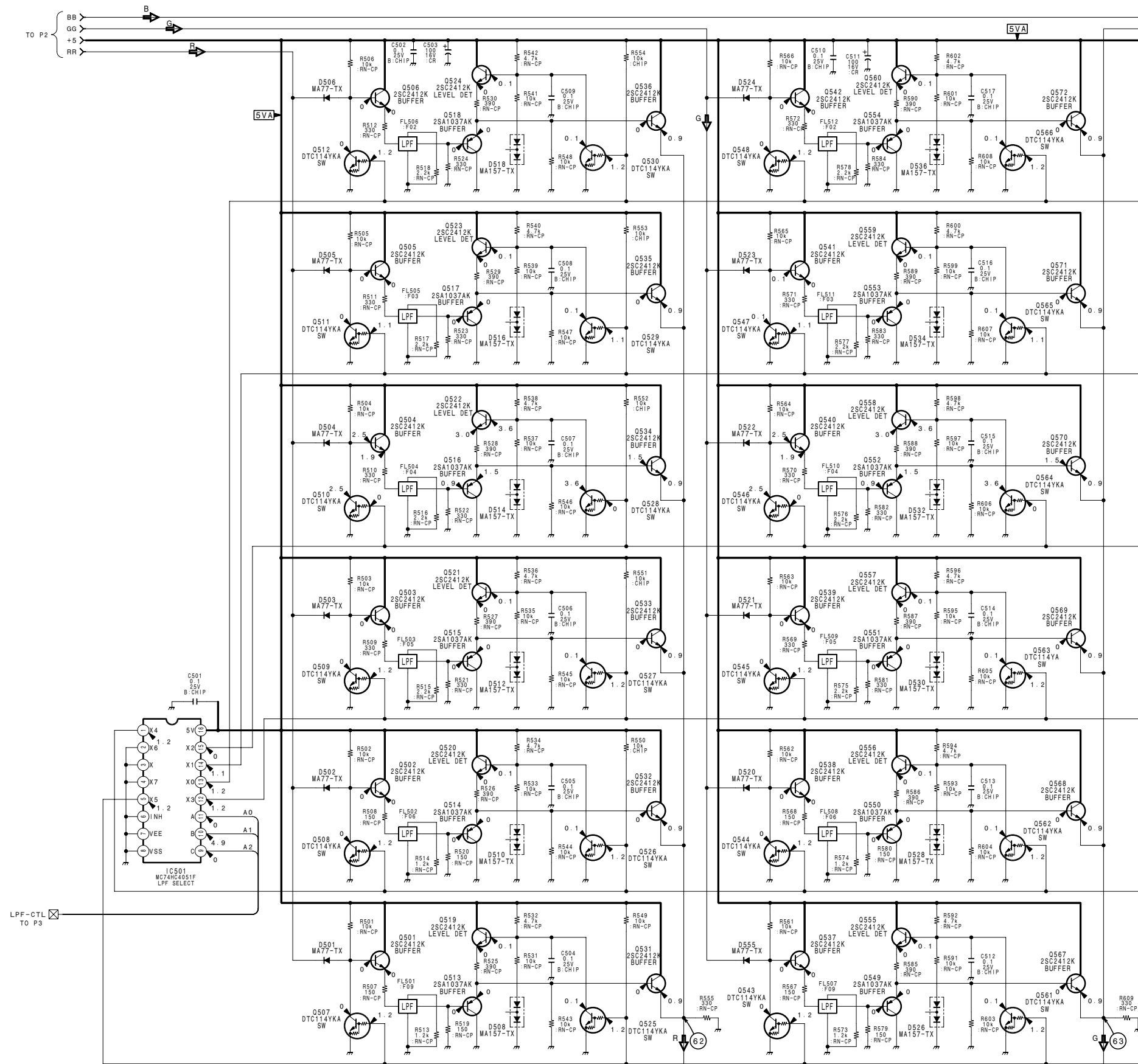
3

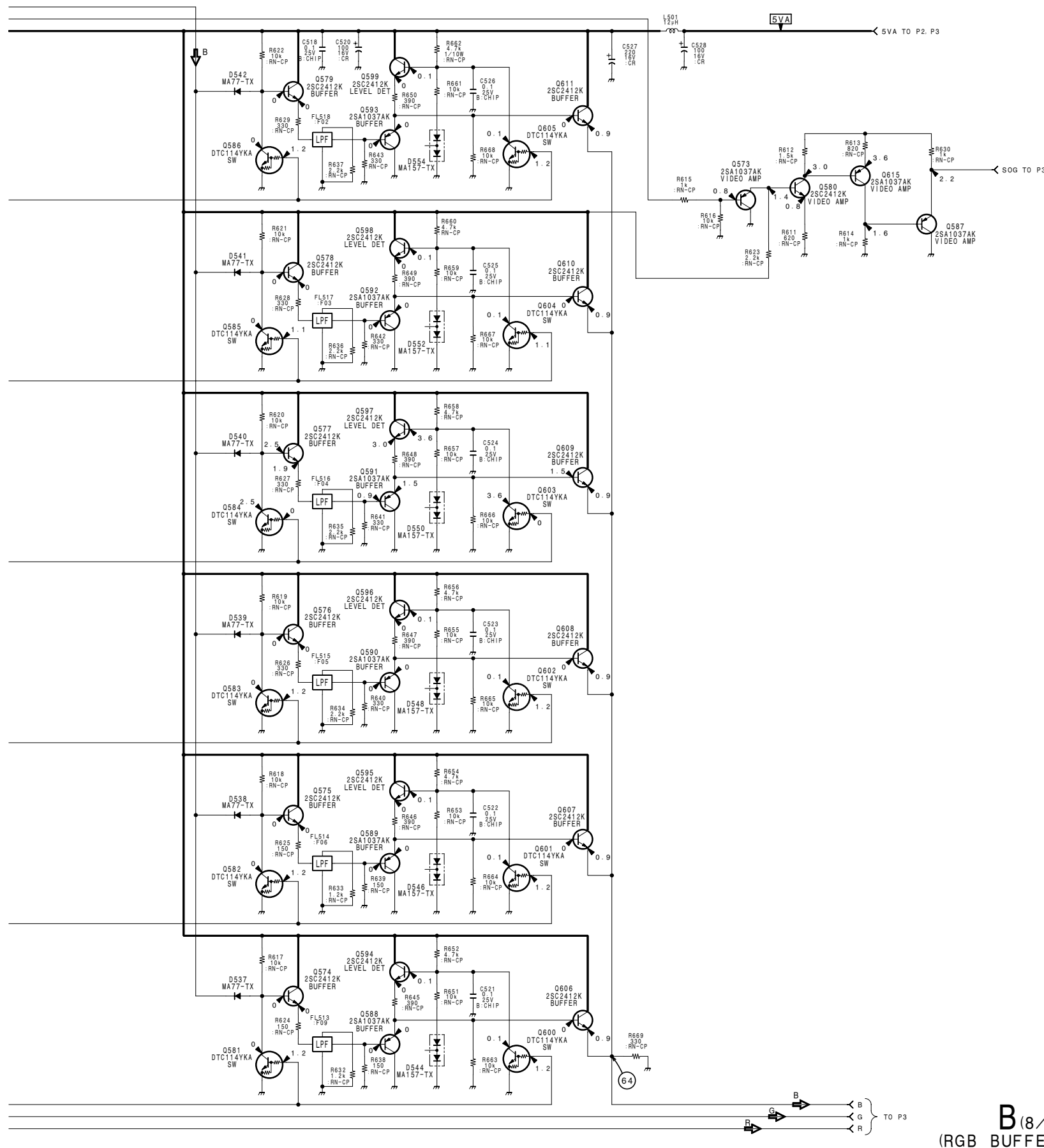
4

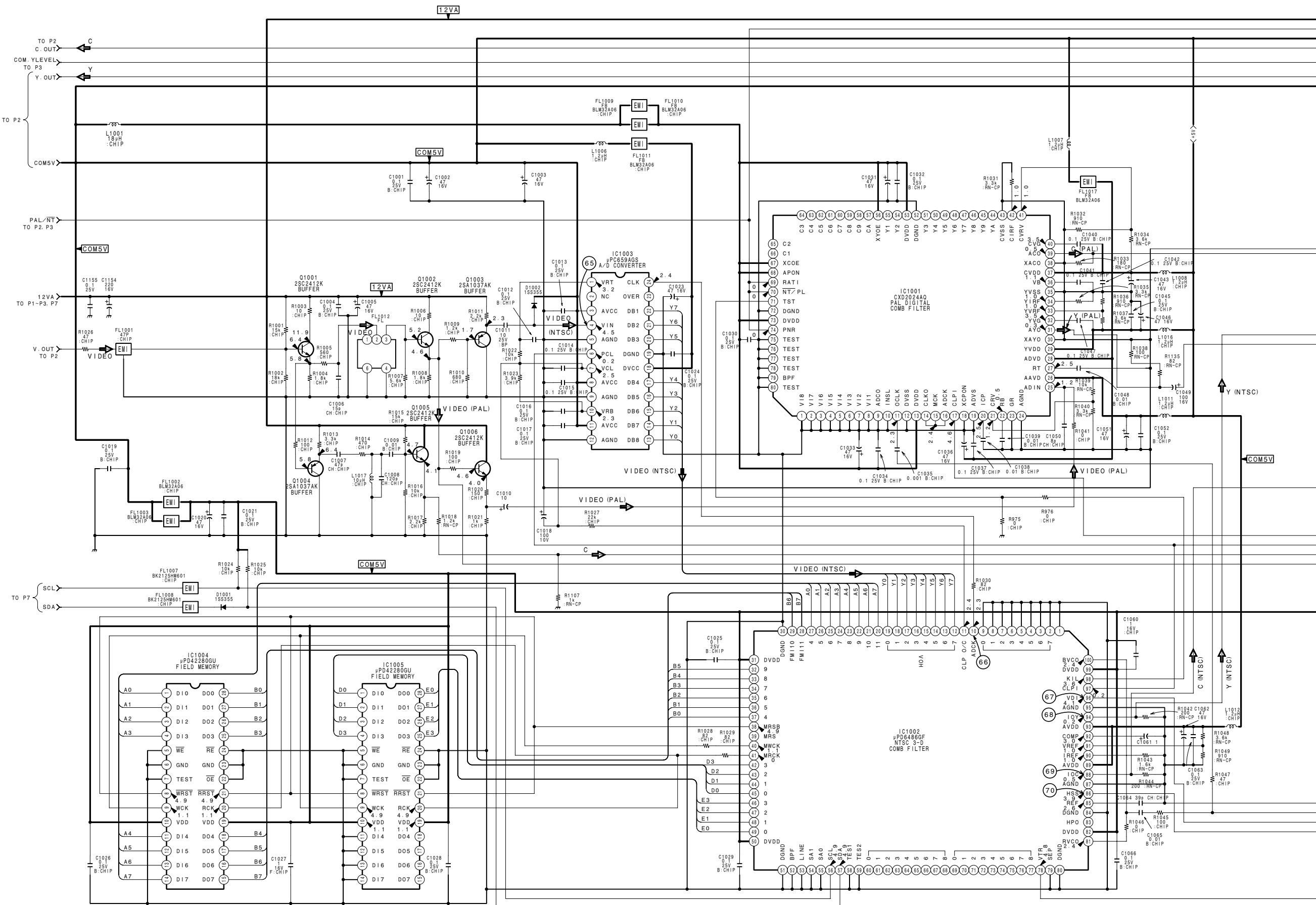
5

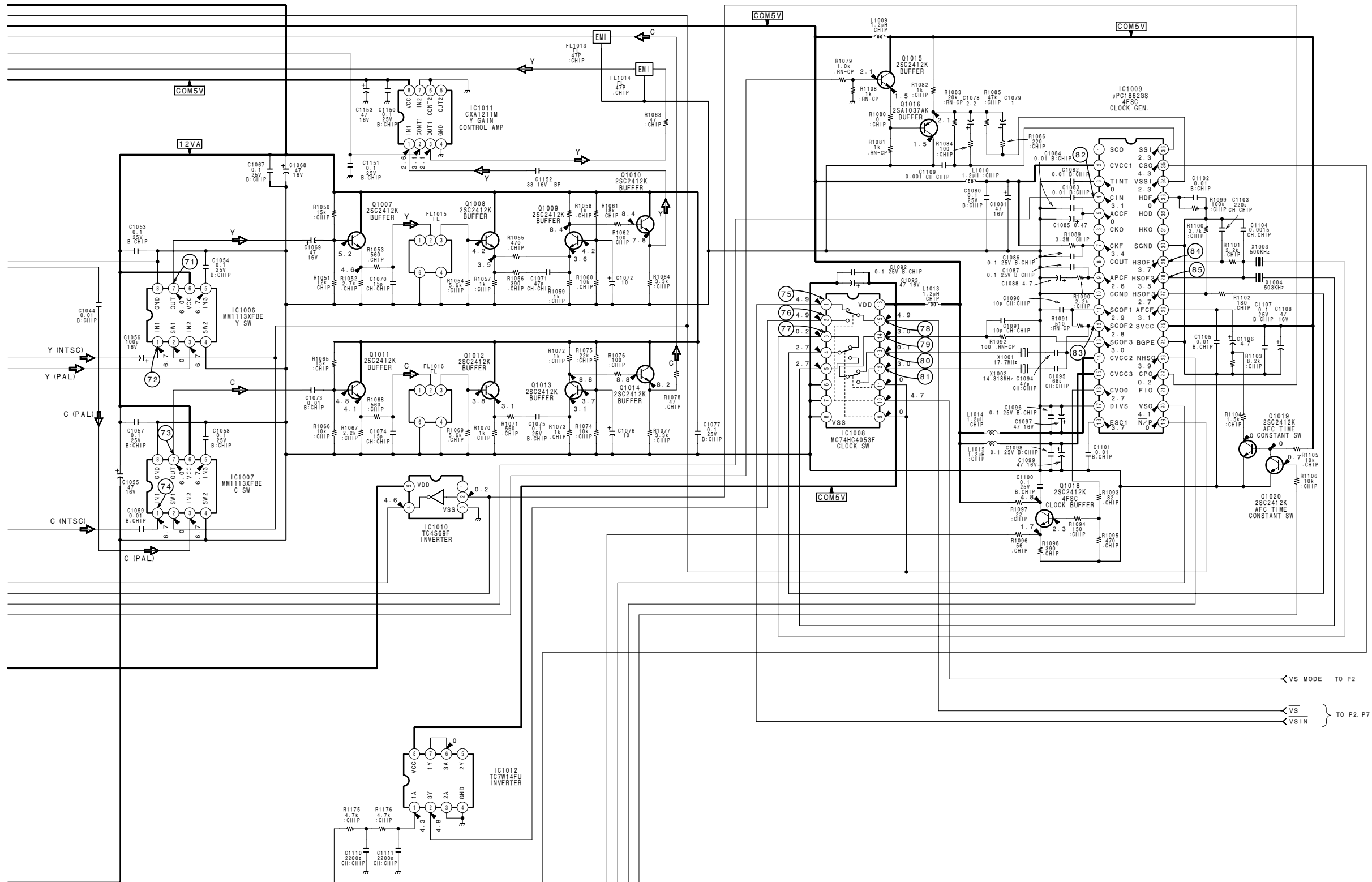








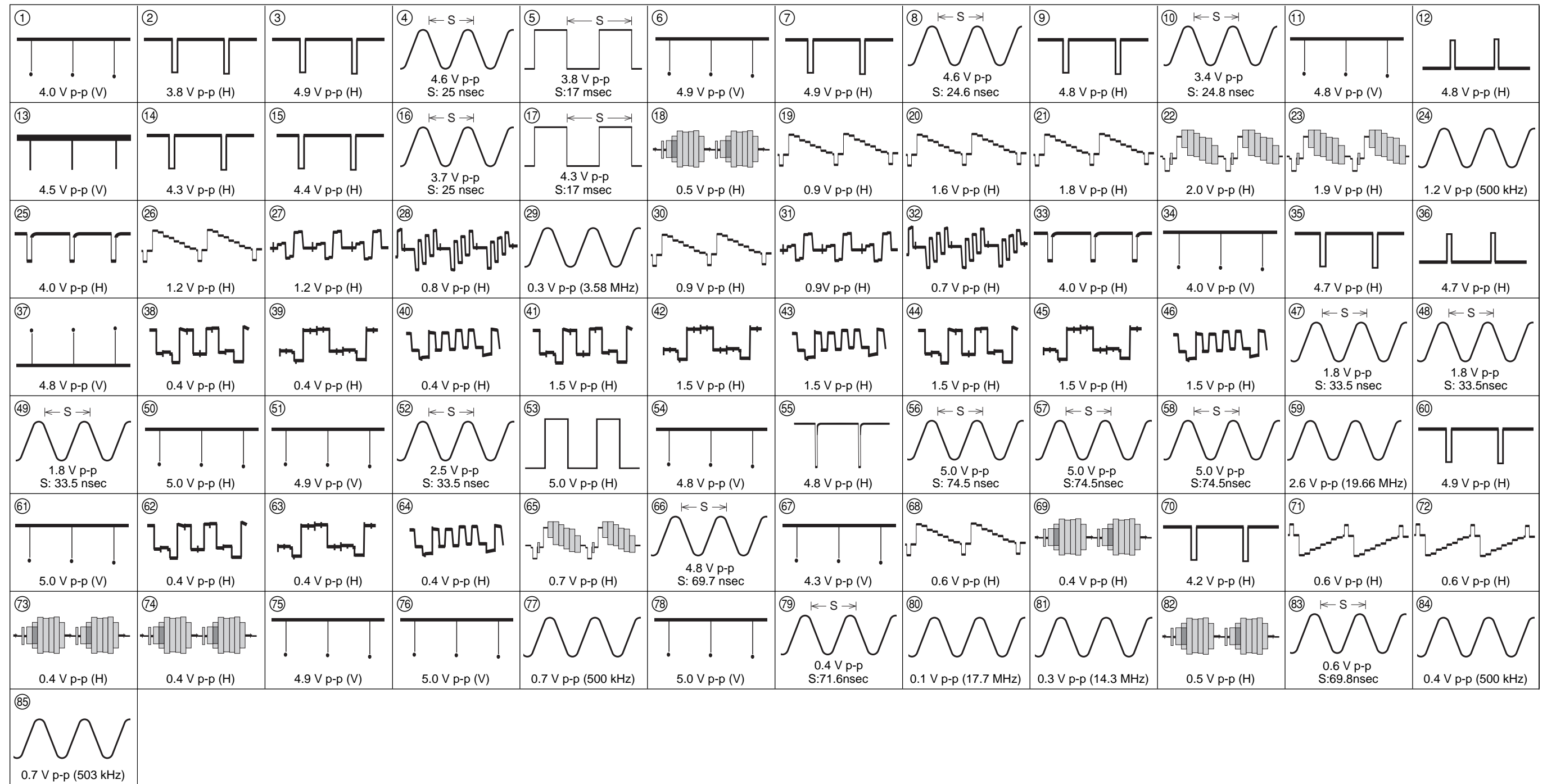




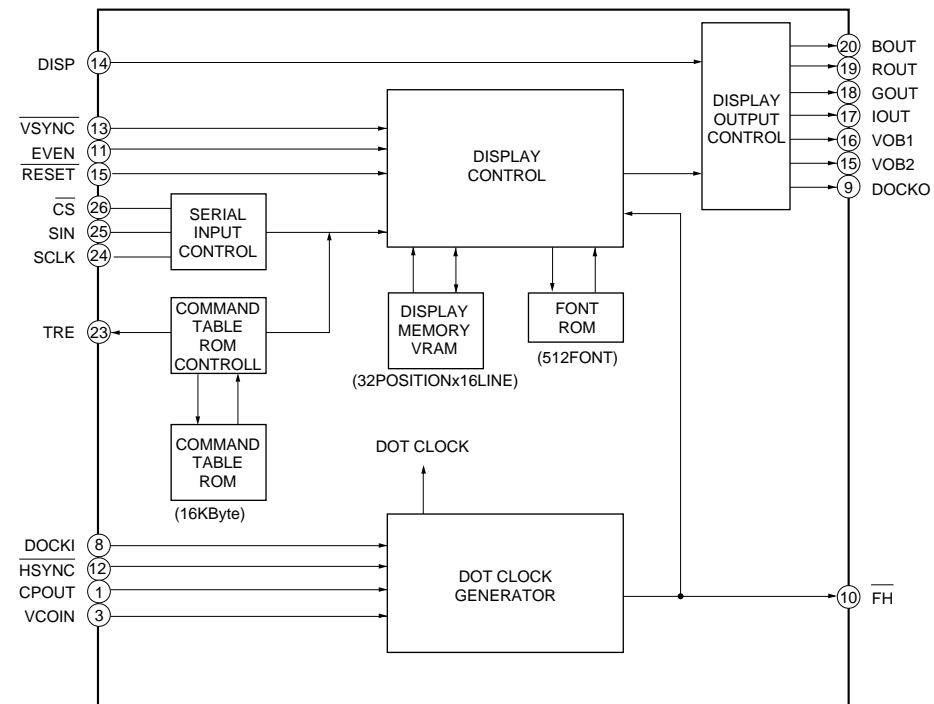
B (9/9)
(Y/C SEP)

B-SS9683<U/C>-B . P9

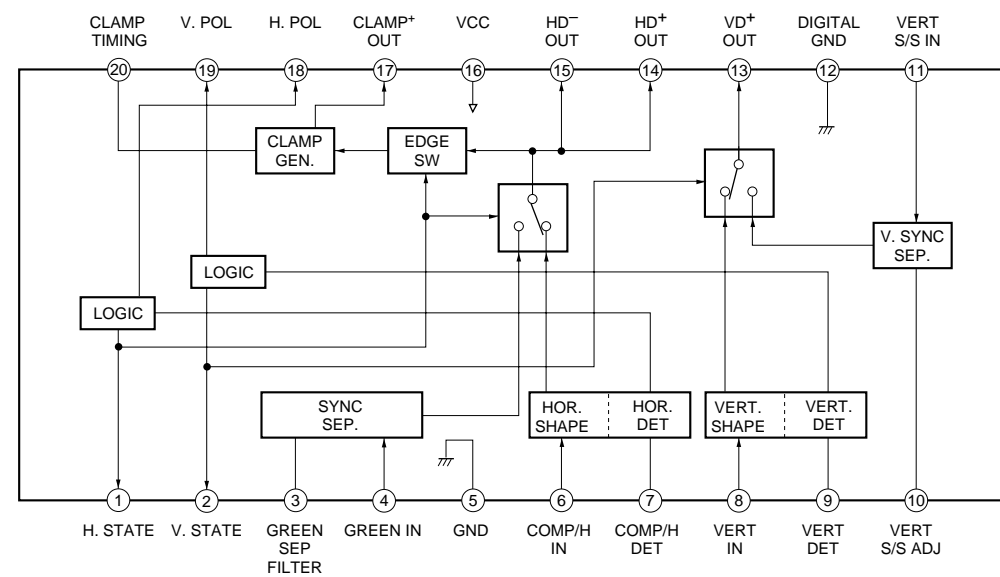
• B BOARD WAVEFORMS



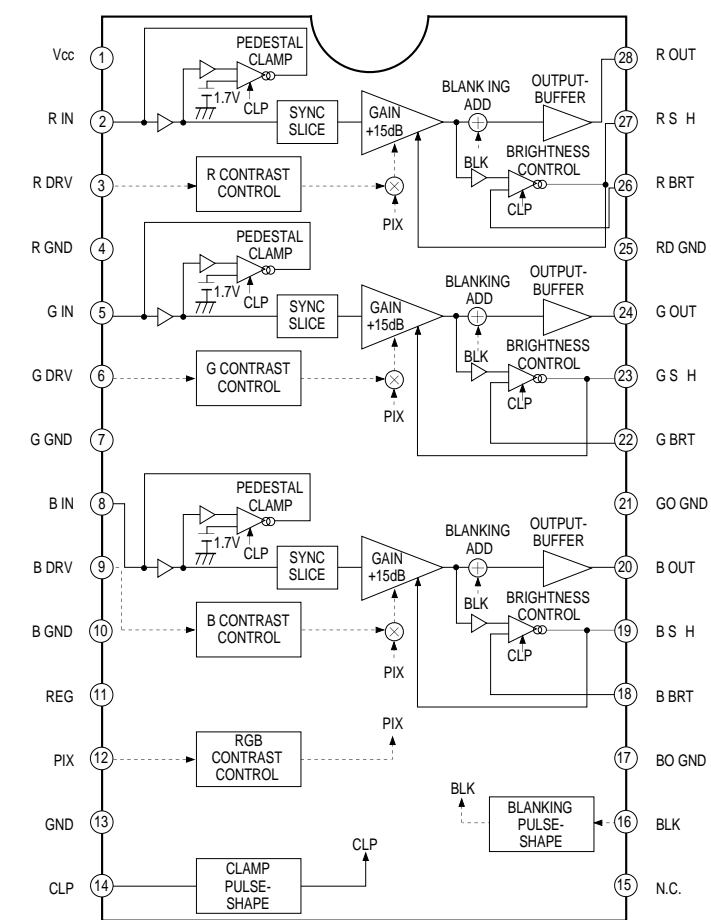
B (1/9) BOARD IC709 MB90096



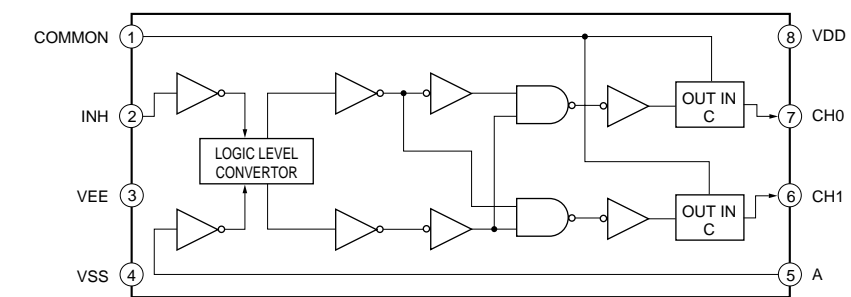
**B (1/9) BOARD IC720
B (3/9) BOARD IC503
M52036SP**

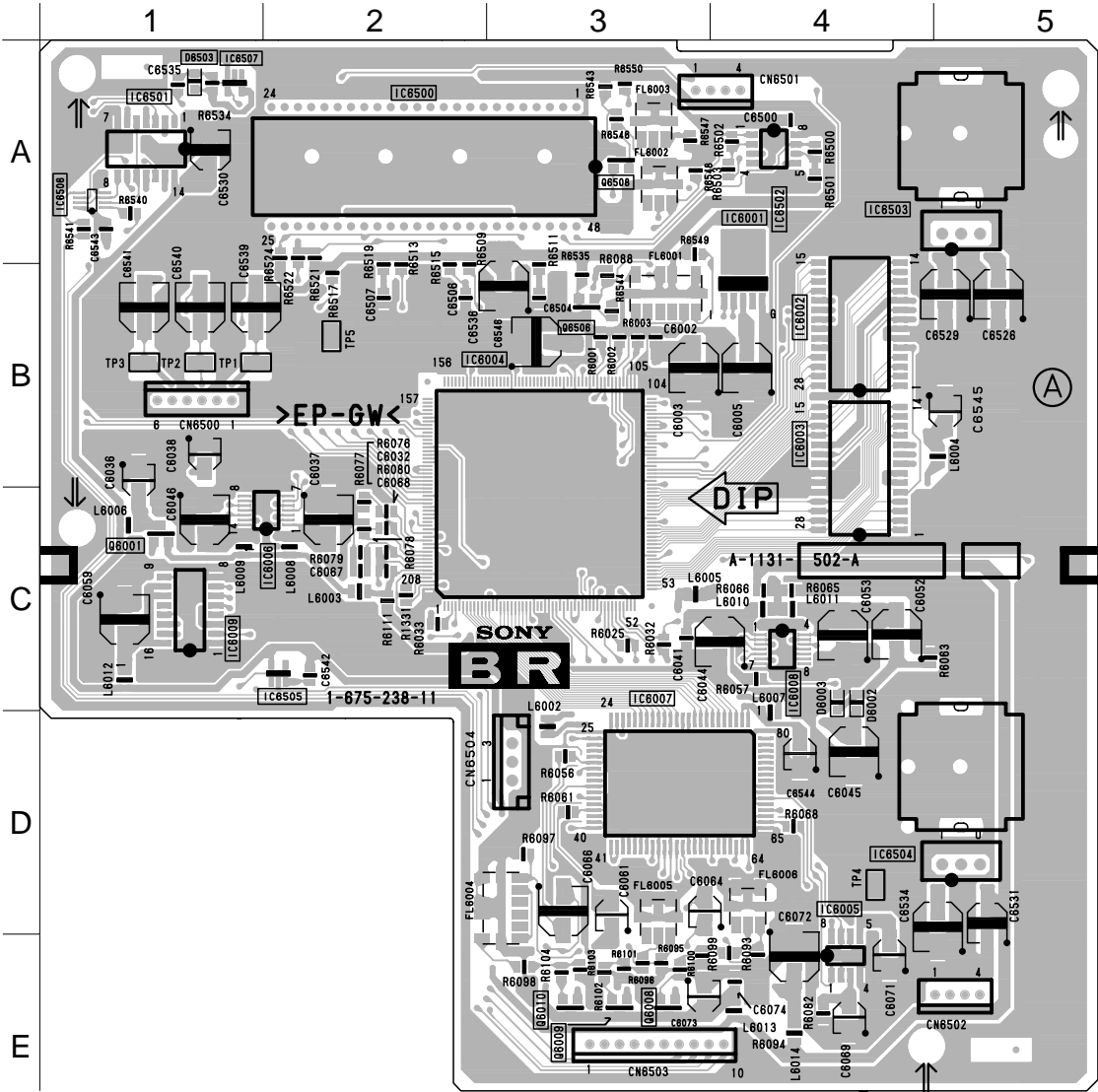


B (3/9) BOARD IC505 CXA1779P

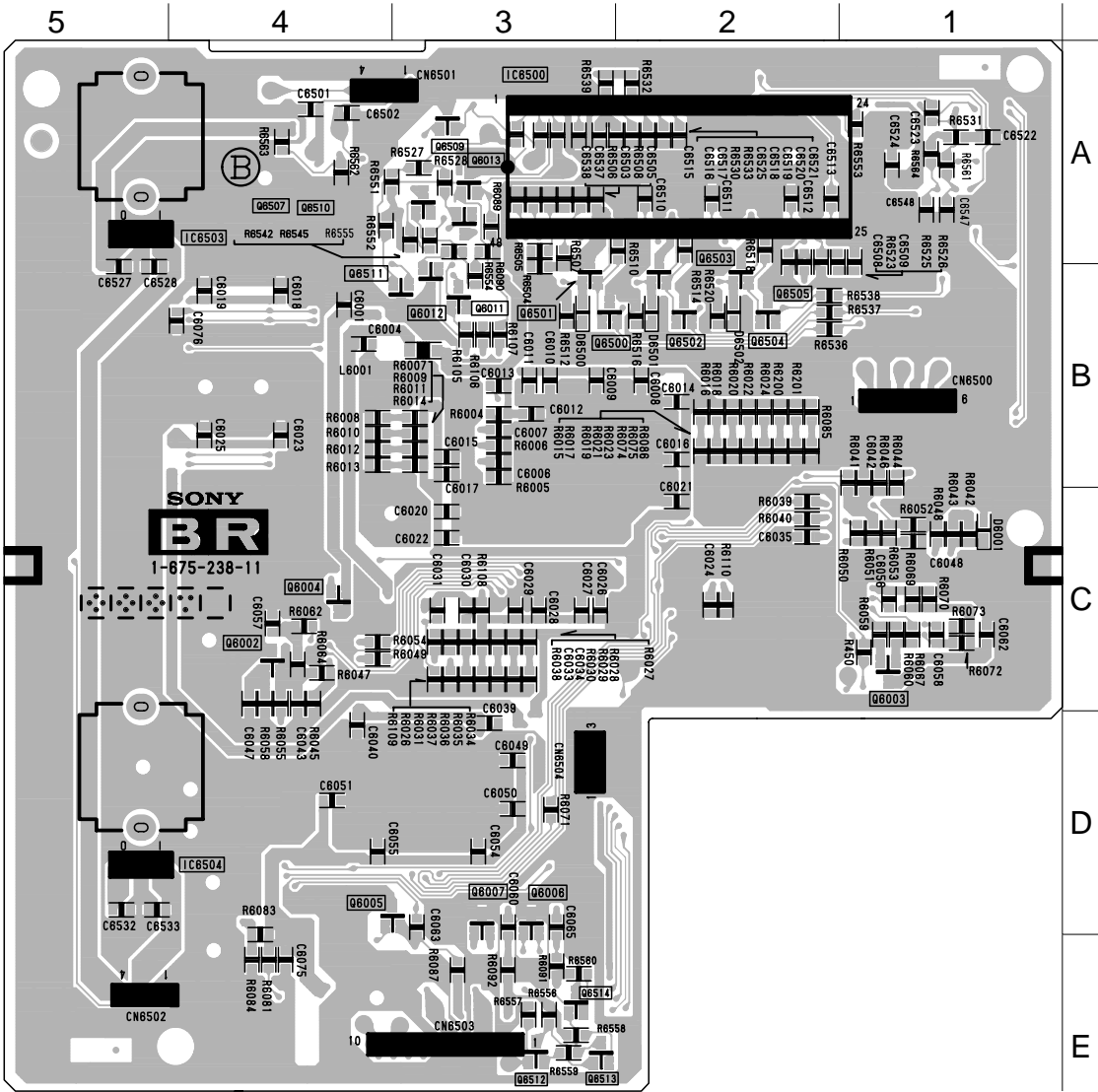


**B (2/9) BOARD IC306, IC330, IC331
B (3/9) BOARD IC521, IC526, IC528
TC4W53F**





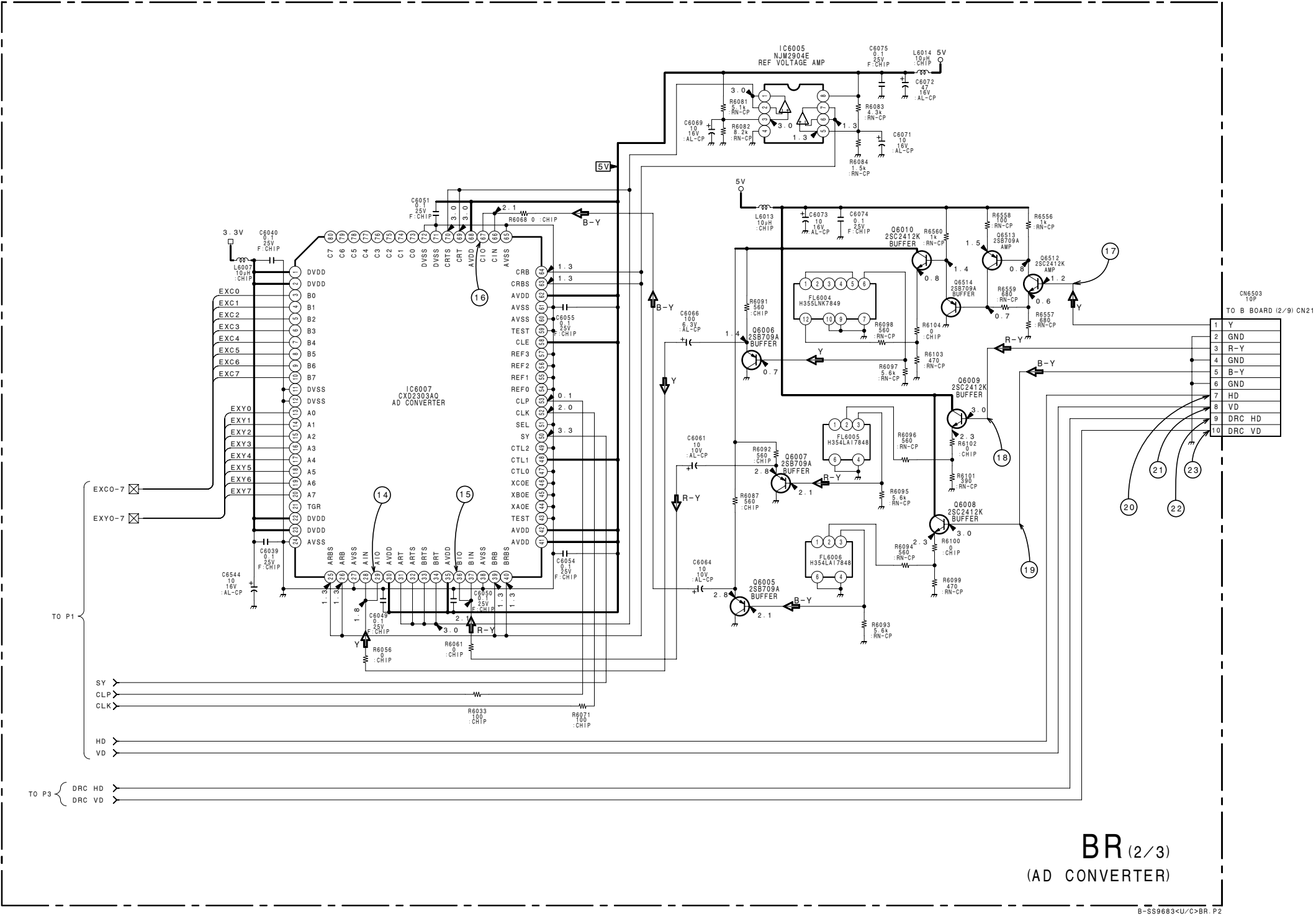
BR - A SIDE -
SUFFIX: -11

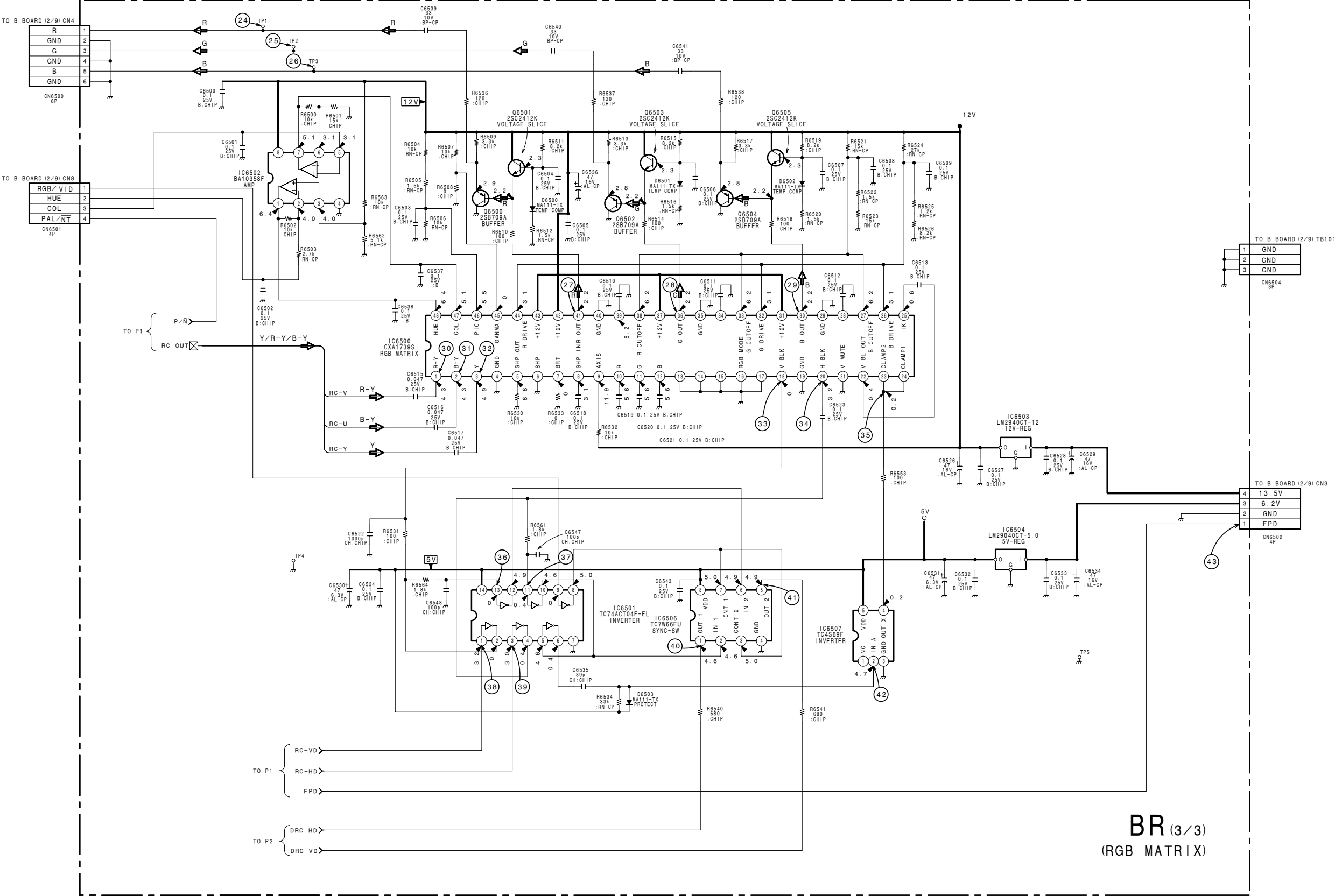


BR - B SIDE -
SUFFIX: -11

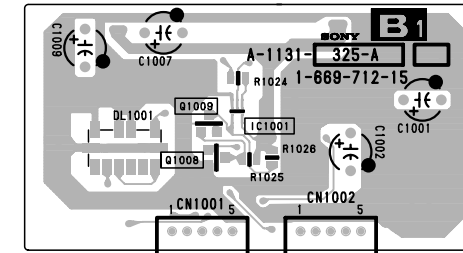
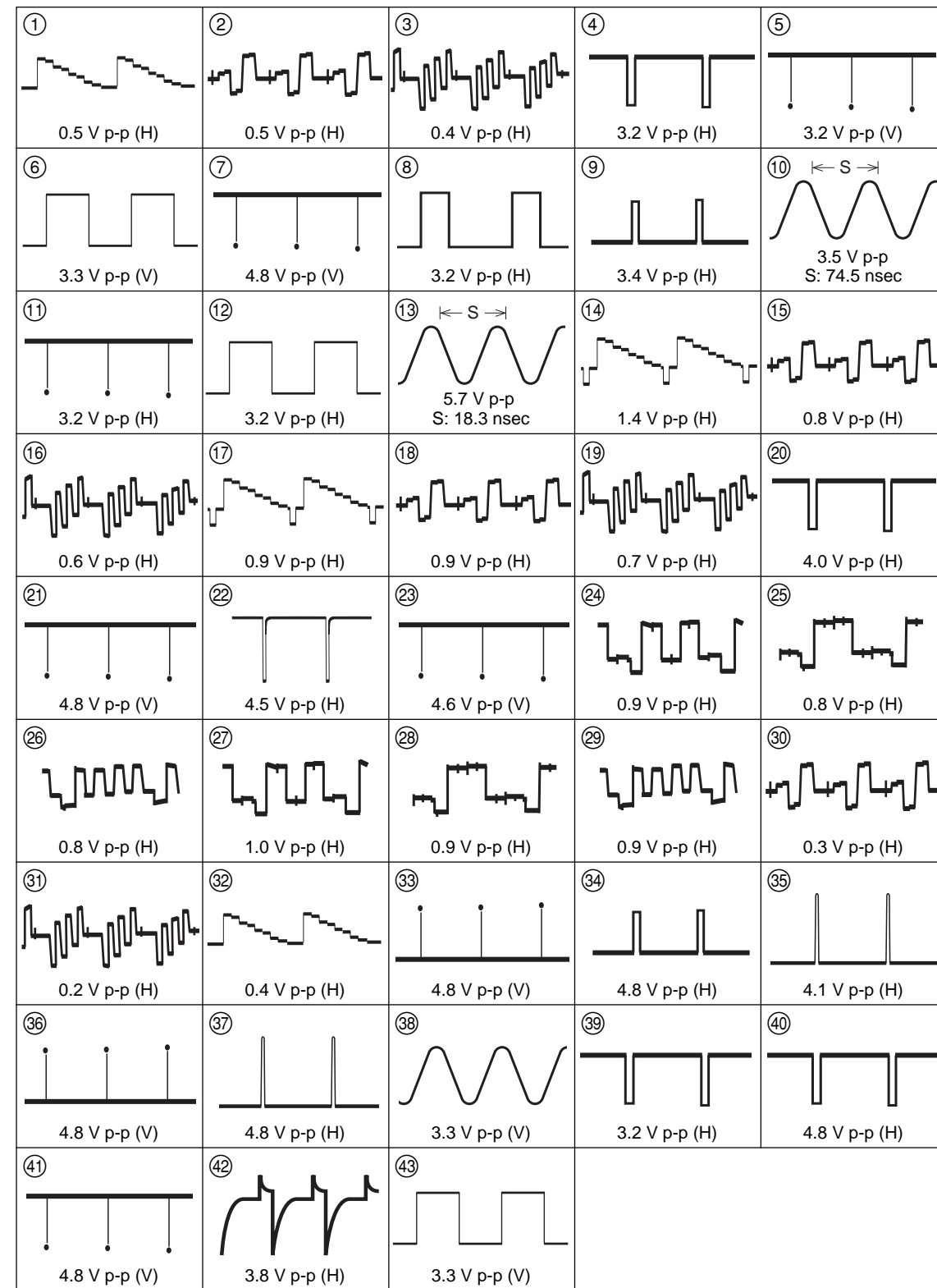
BR BOARD					
*: B SIDE					
D6001	*C-1	IC6505	C-2	Q6504	*B-2
D6500	*B-3	IC6506	A-1	Q6505	*B-2
D6501	*B-2	IC6507	A-1	Q6506	C-2
D6502	*B-2			Q6507	*A-3
D6503	C-4	Q6001	C-1	Q6508	B-3
		Q6002	*C-4	Q6509	*A-3
IC6001	B-4	Q6004	*C-4	Q6510	*A-3
IC6002	B-4	Q6005	*D-4	Q6511	*B-3
IC6003	B-4	Q6006	*D-3	Q6512	*E-3
IC6004	B-3	Q6007	*D-3	Q6513	*E-3
IC6005	E-4	Q6008	E-3	Q6514	*E-3
IC6006	A-1	Q6009	E-3		
IC6007	D-3	Q6010	E-3	TP1	B-1
IC6008	C-4	Q6011	*B-3	TP2	B-1
IC6500	*A-2	Q6012	*B-3	TP3	B-1
IC6501	A-1	Q6013	*A-3	TP4	D-4
IC6502	A-4	Q6500	*B-3	TP5	B-2
IC6503	*A-5	Q6501	*B-3		
IC6504	*D-5	Q6503	*A-2		



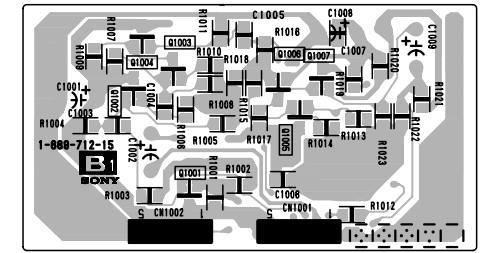




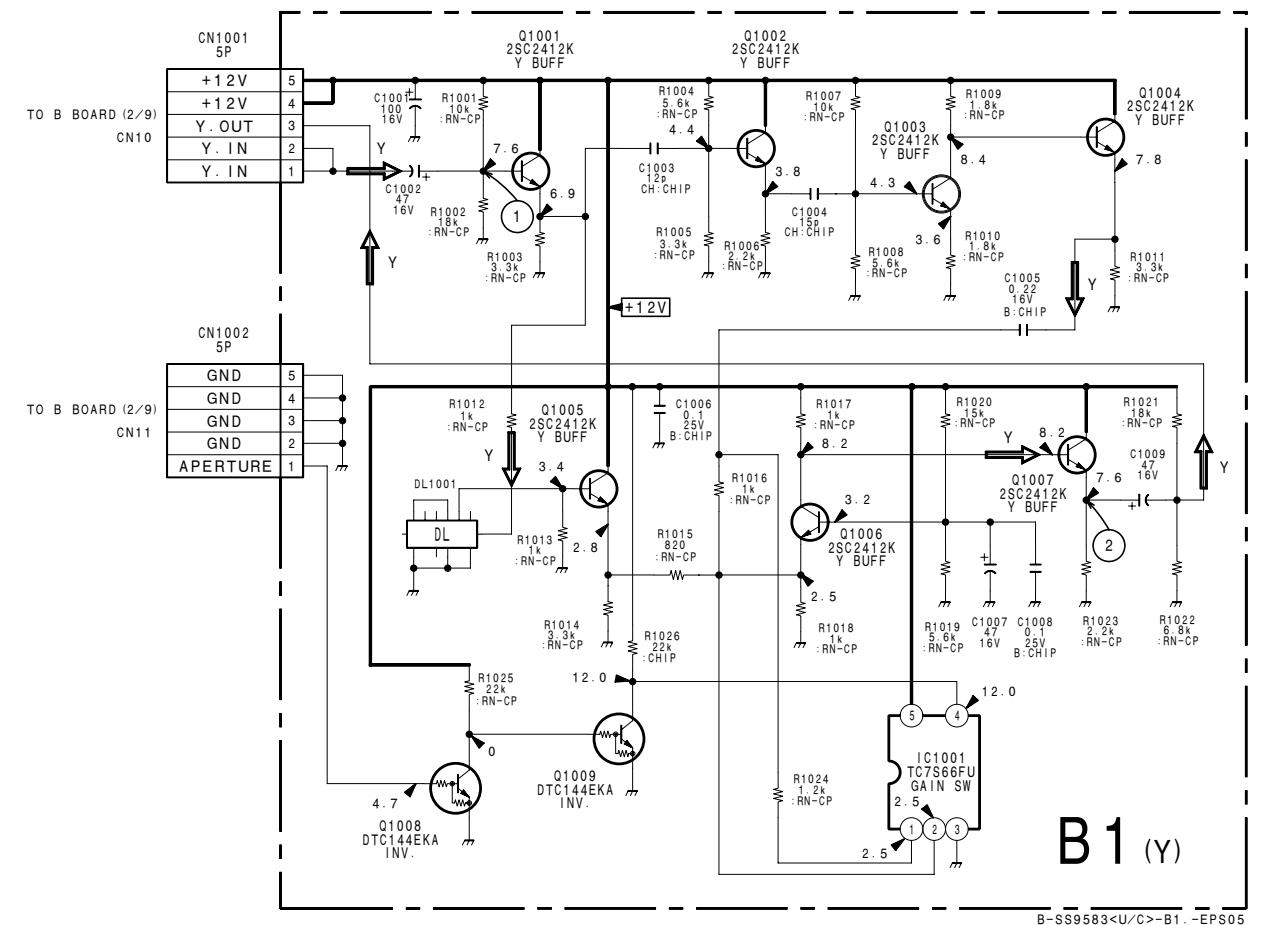
- **BR BOARD WAVEFORMS**



B1 - A SIDE -
SUFFIX: -15

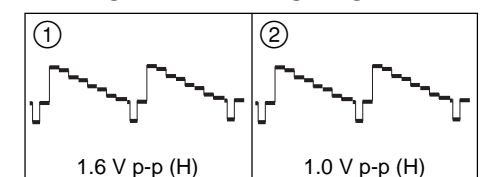


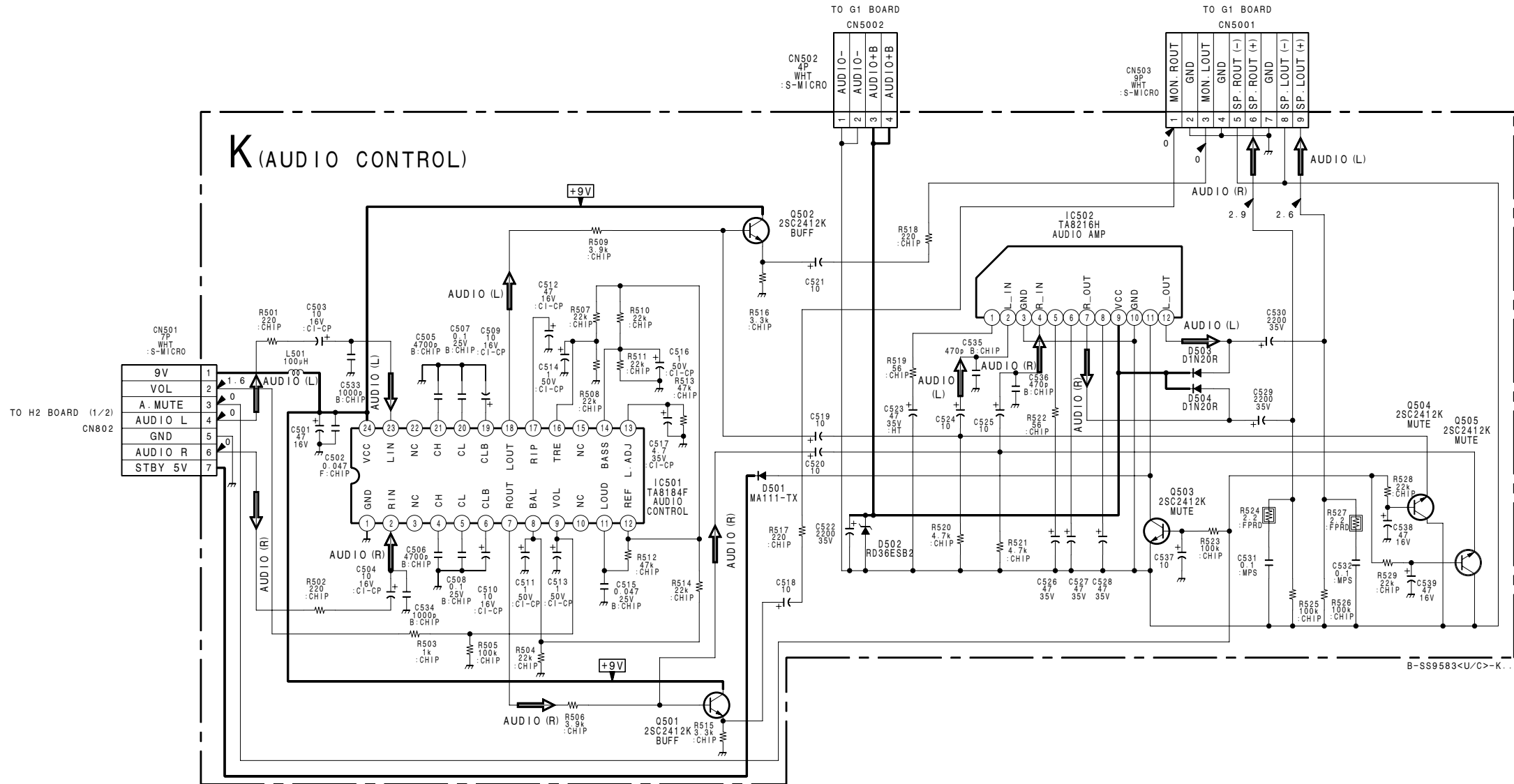
B1 - B SIDE -
SUFFIX: -15



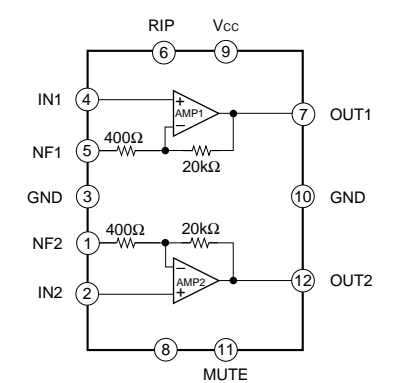
B-SS9583<U/C>-B1.-EPS05

- **B1 BOARD WAVEFORMS**

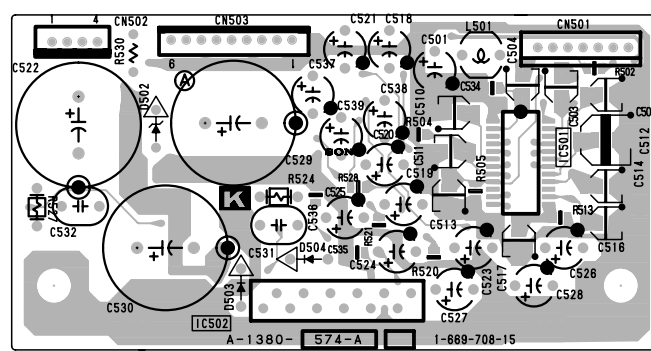
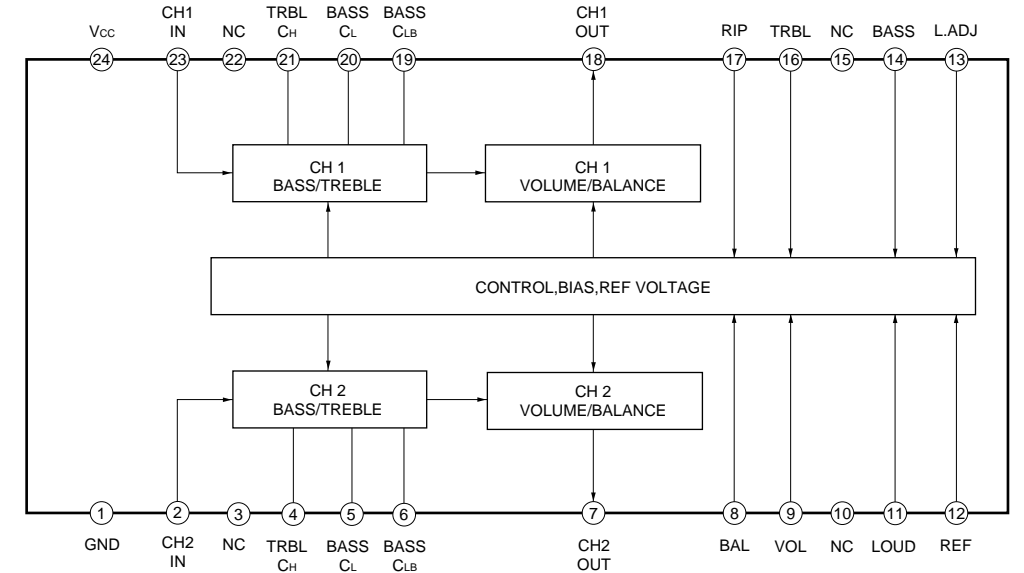




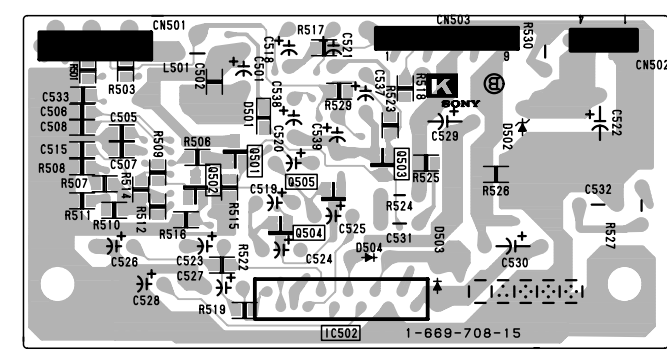
K BOARD IC502 TA8216H



K BOARD IC501 TA8184F

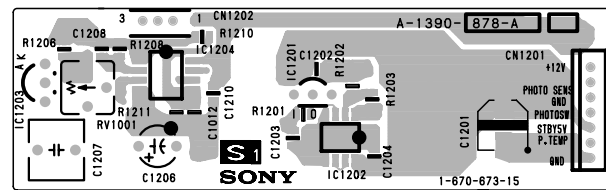


K - A SIDE -
SUFFIX: -15

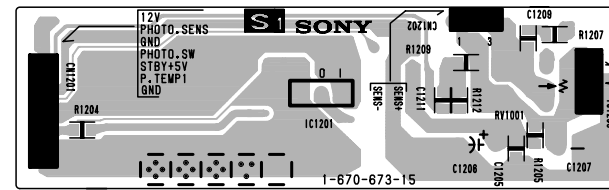


K - B SIDE -
SUFFIX: -15

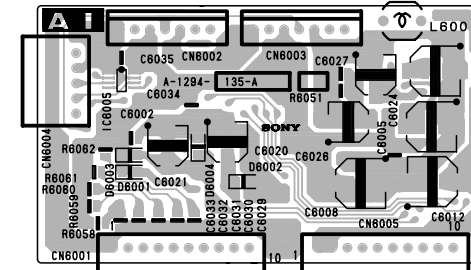
1



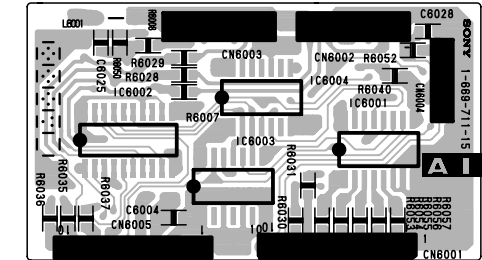
S1 - A SIDE -
SUFFIX: -15



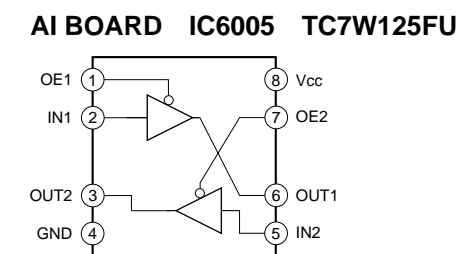
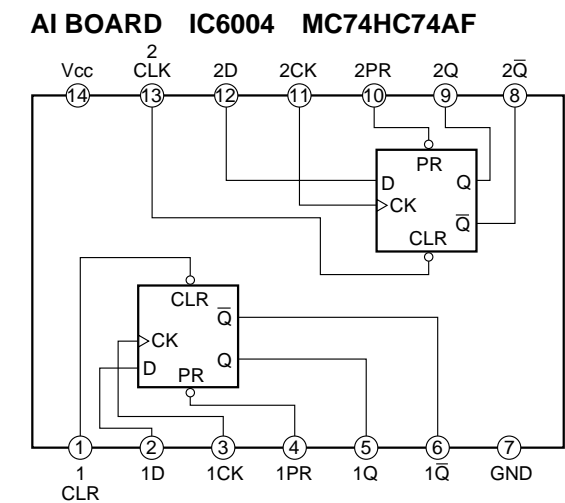
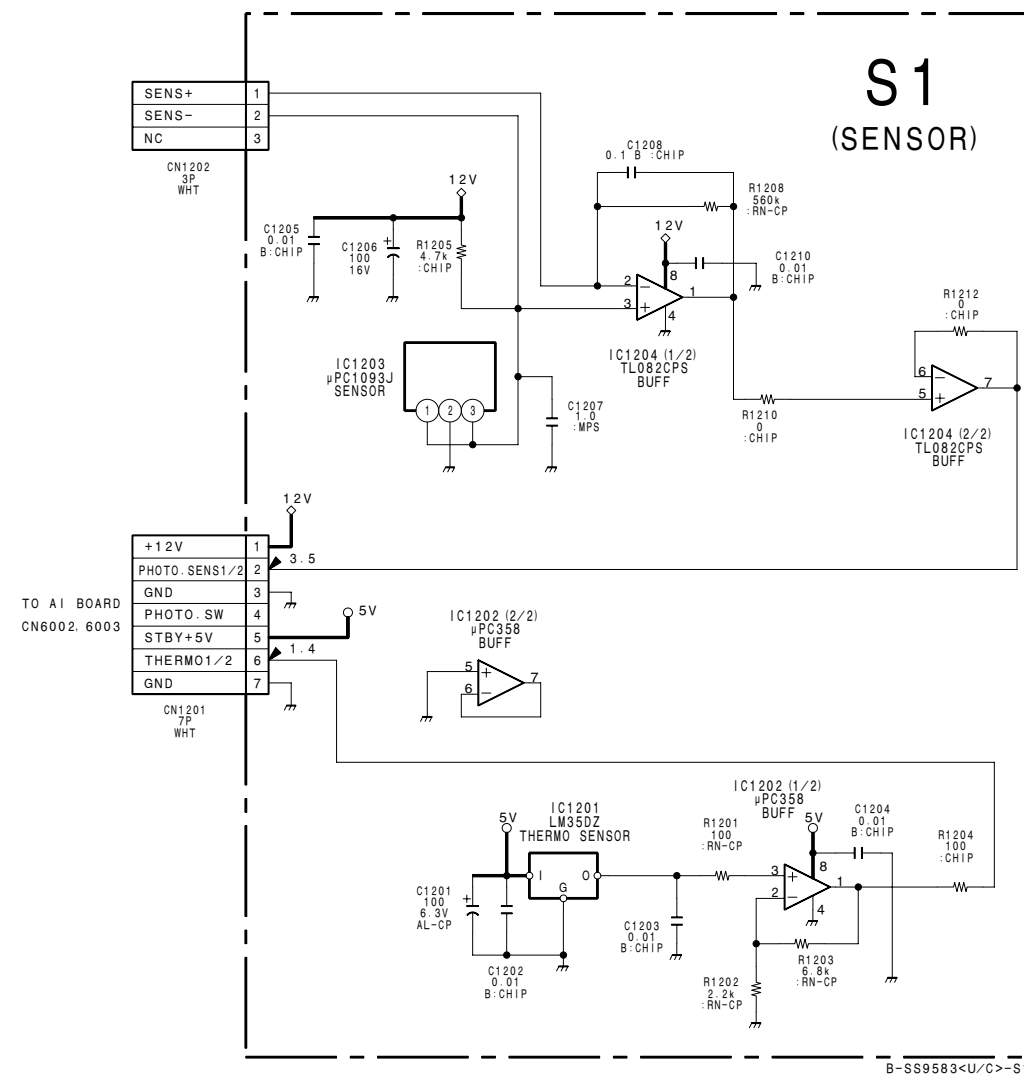
S1 - B SIDE -
SUFFIX: -15

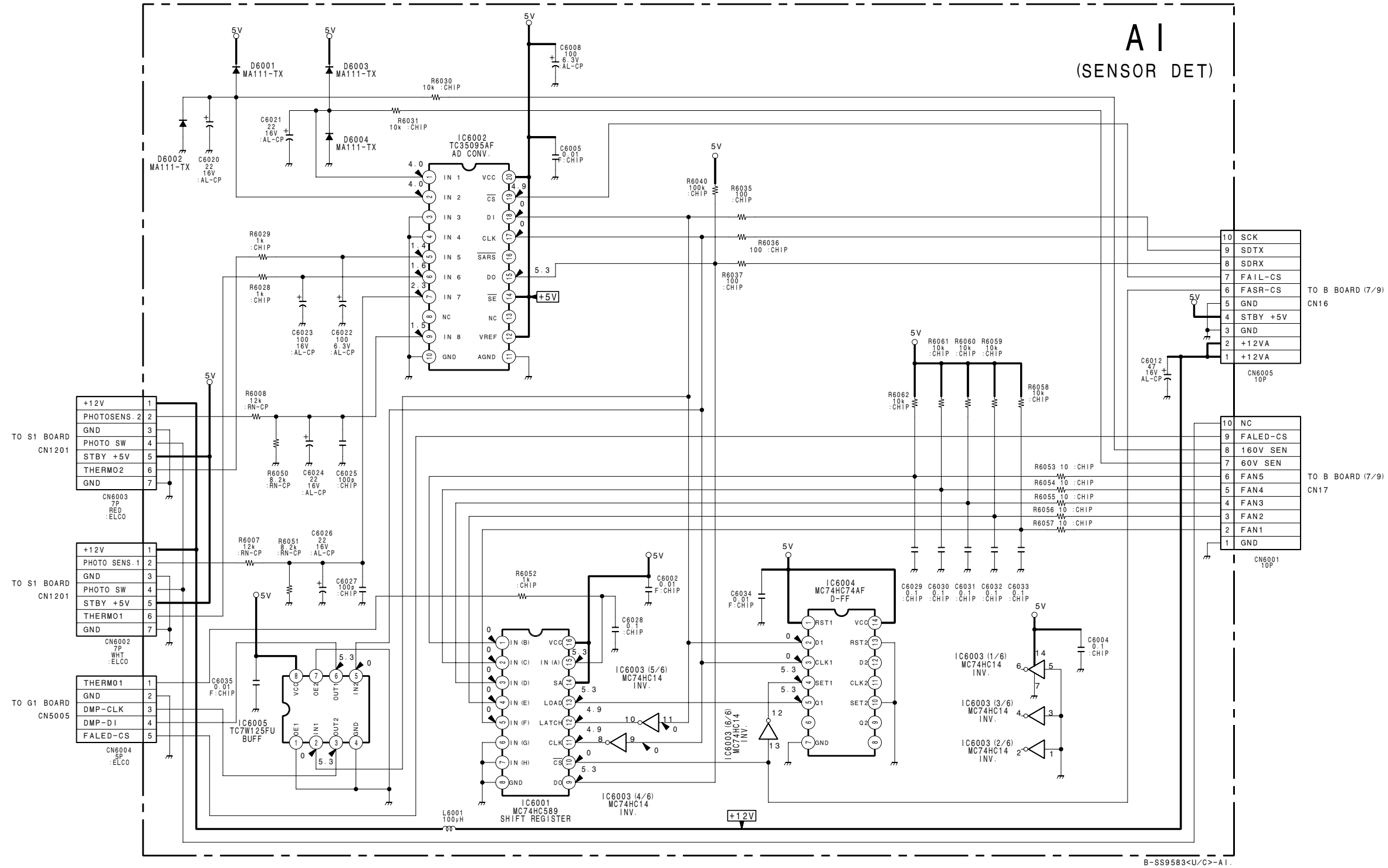


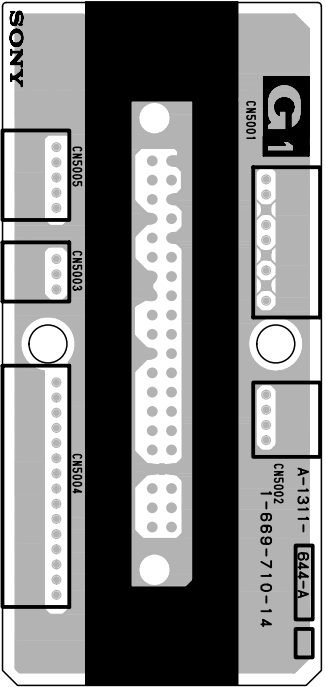
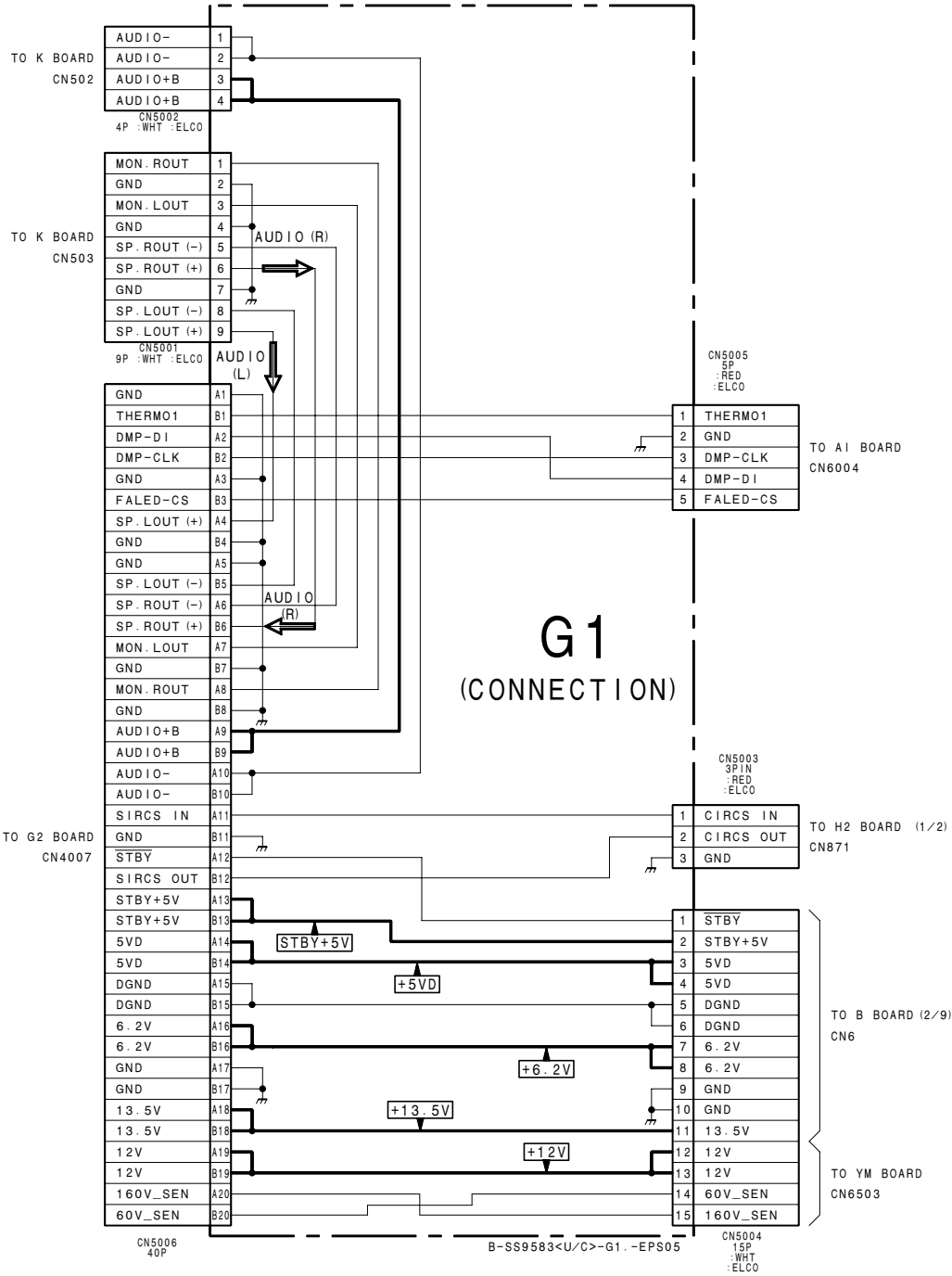
AI - A SIDE -
SUFFIX: -15



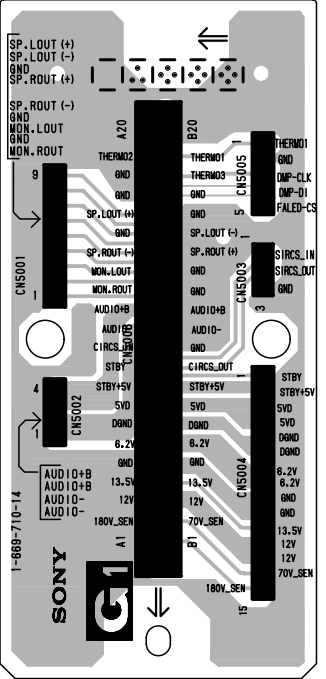
AI - B SIDE -
SUFFIX: -15



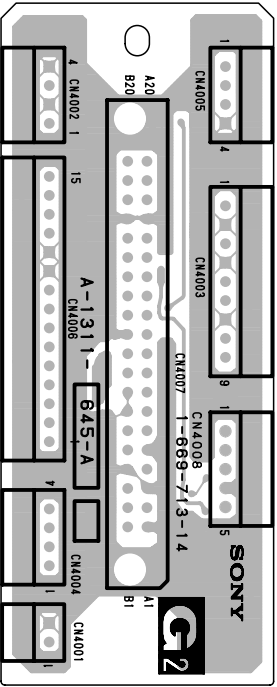




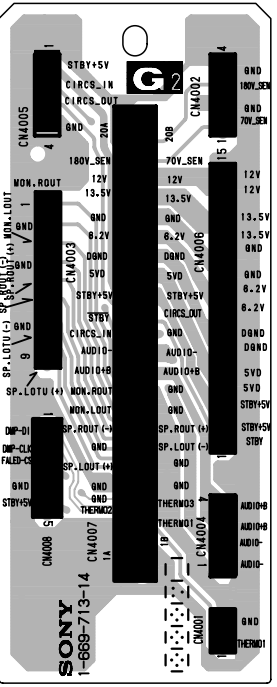
G1 - A SIDE -
SUFFIX: -14



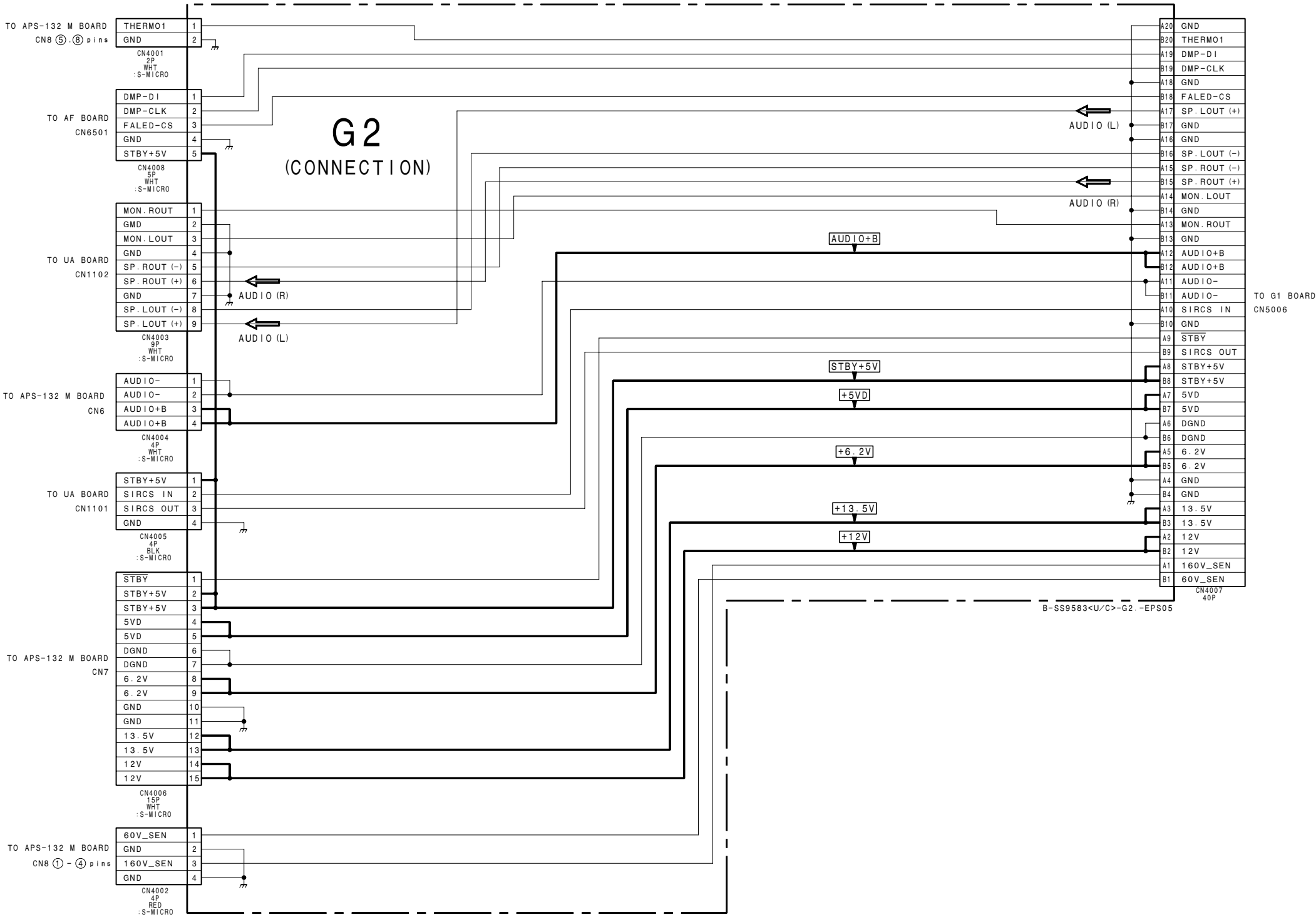
G1 - B SIDE -
SUFFIX: -14

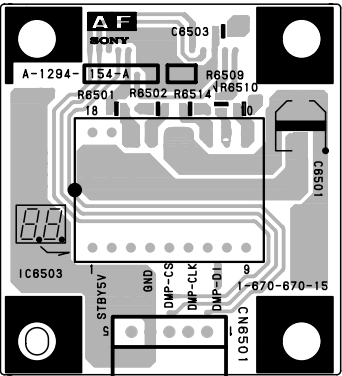


G2 - A SIDE -
SUFFIX: -14

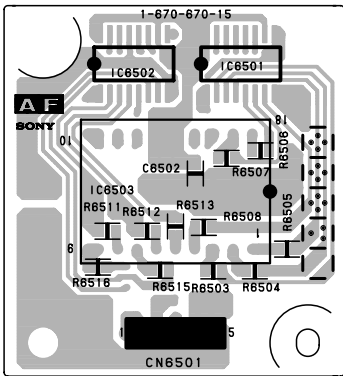


G2 - B SIDE -
SUFFIX: -14

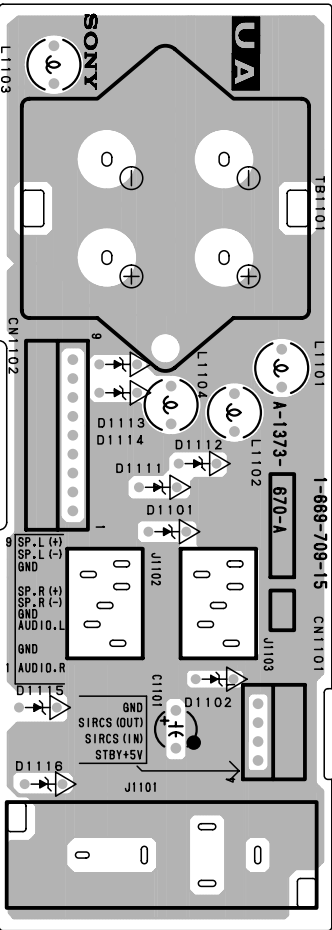
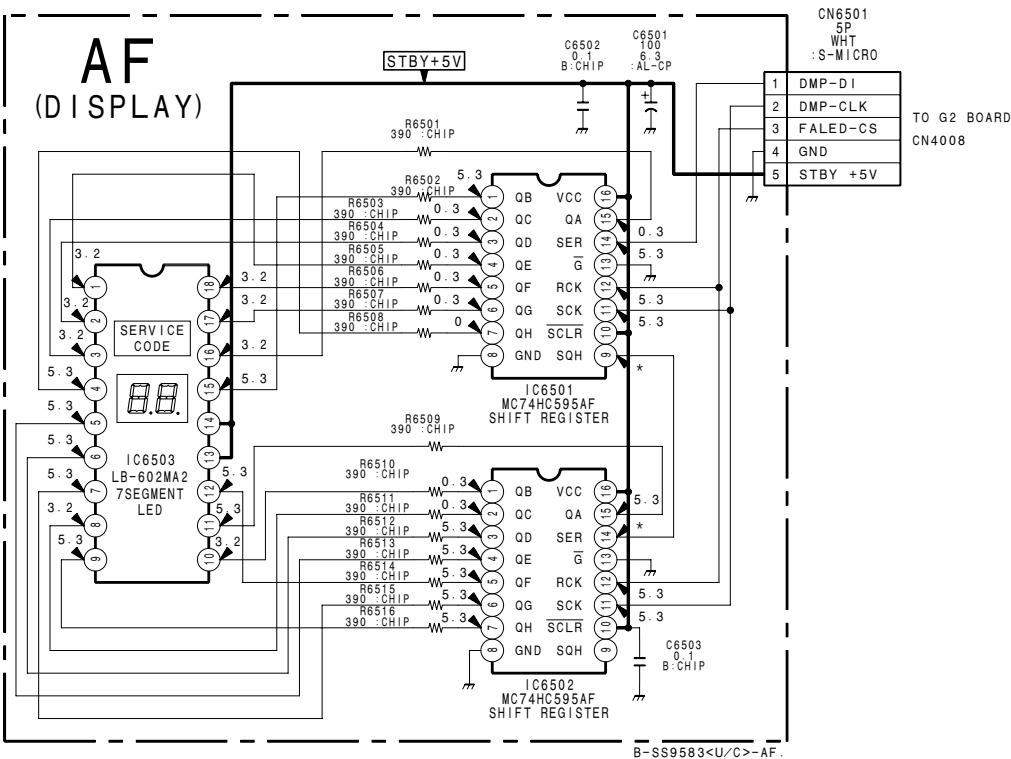




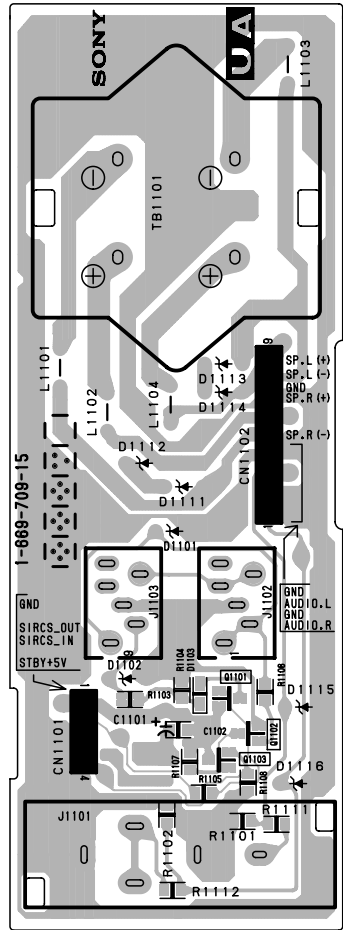
AF - A SIDE -
SUFFIX: -15



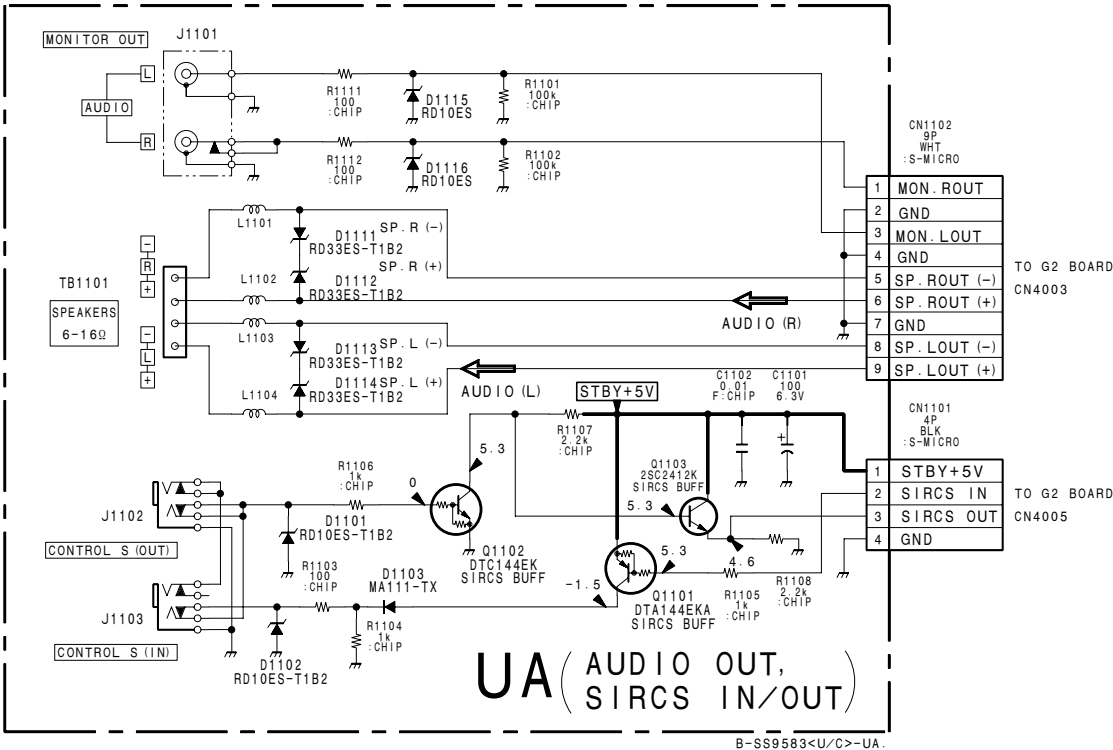
AF - B SIDE -
SUFFIX: -15

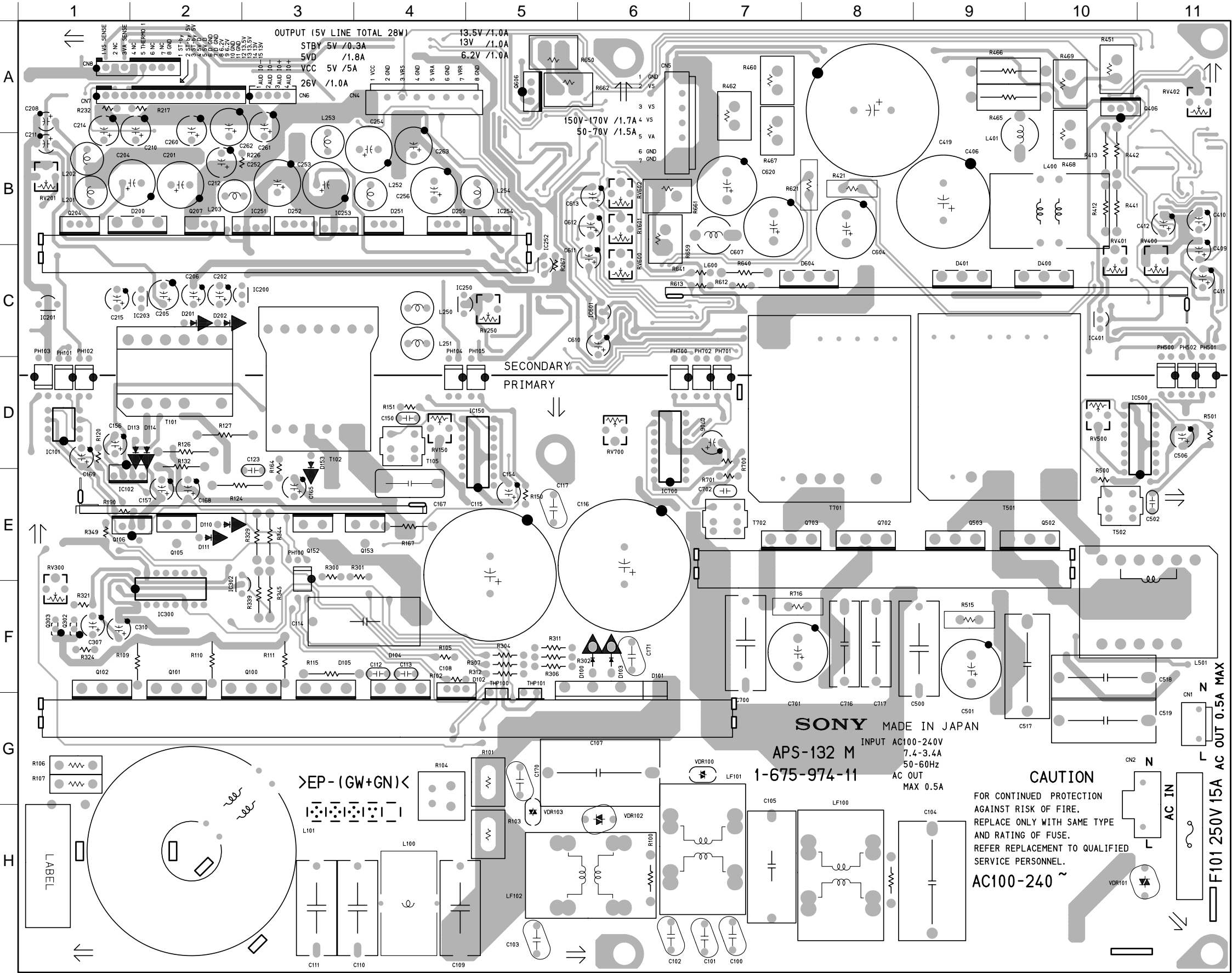


UA - A SIDE -
SUFFIX: -15



UA - B SIDE -
SUFFIX: -15

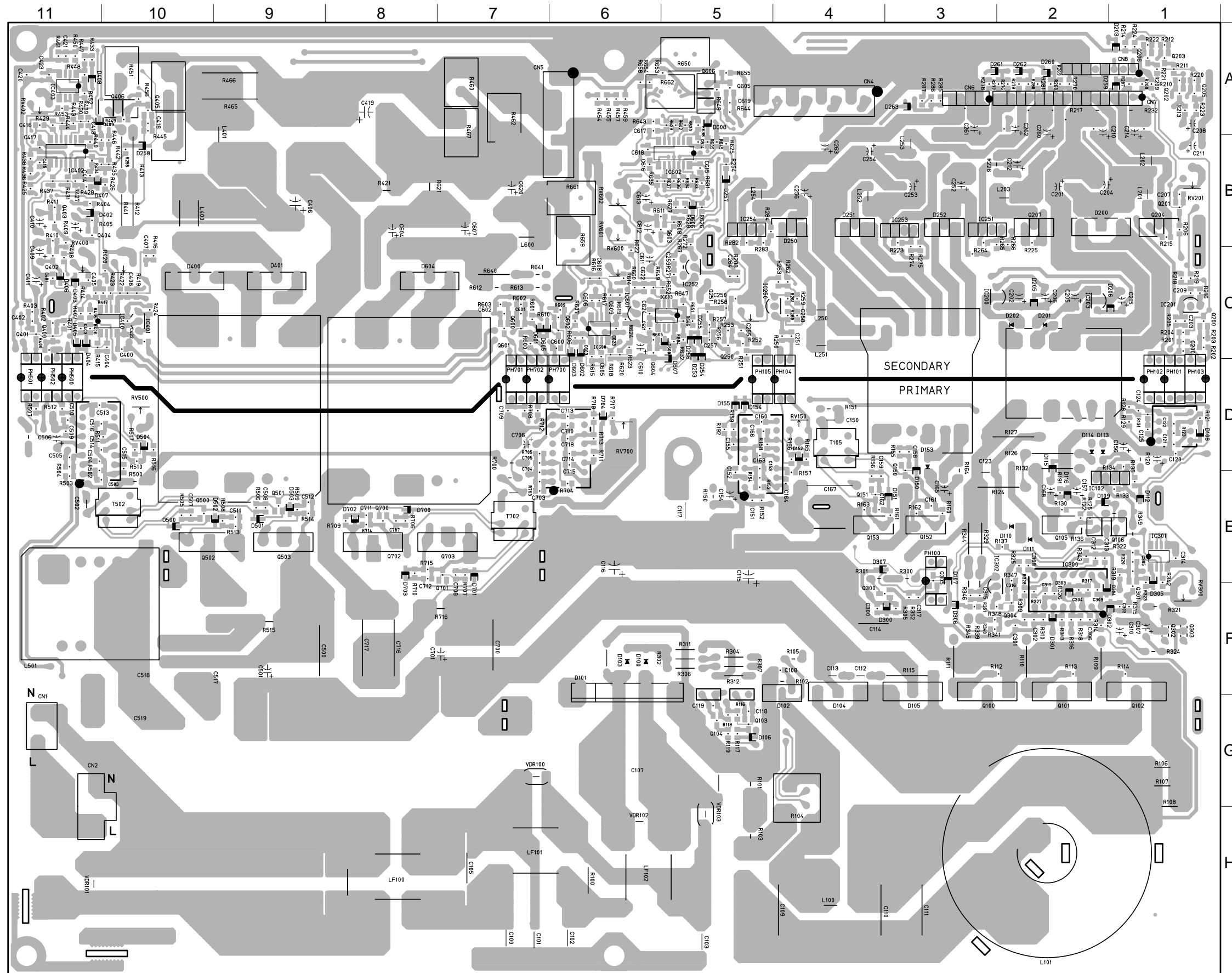




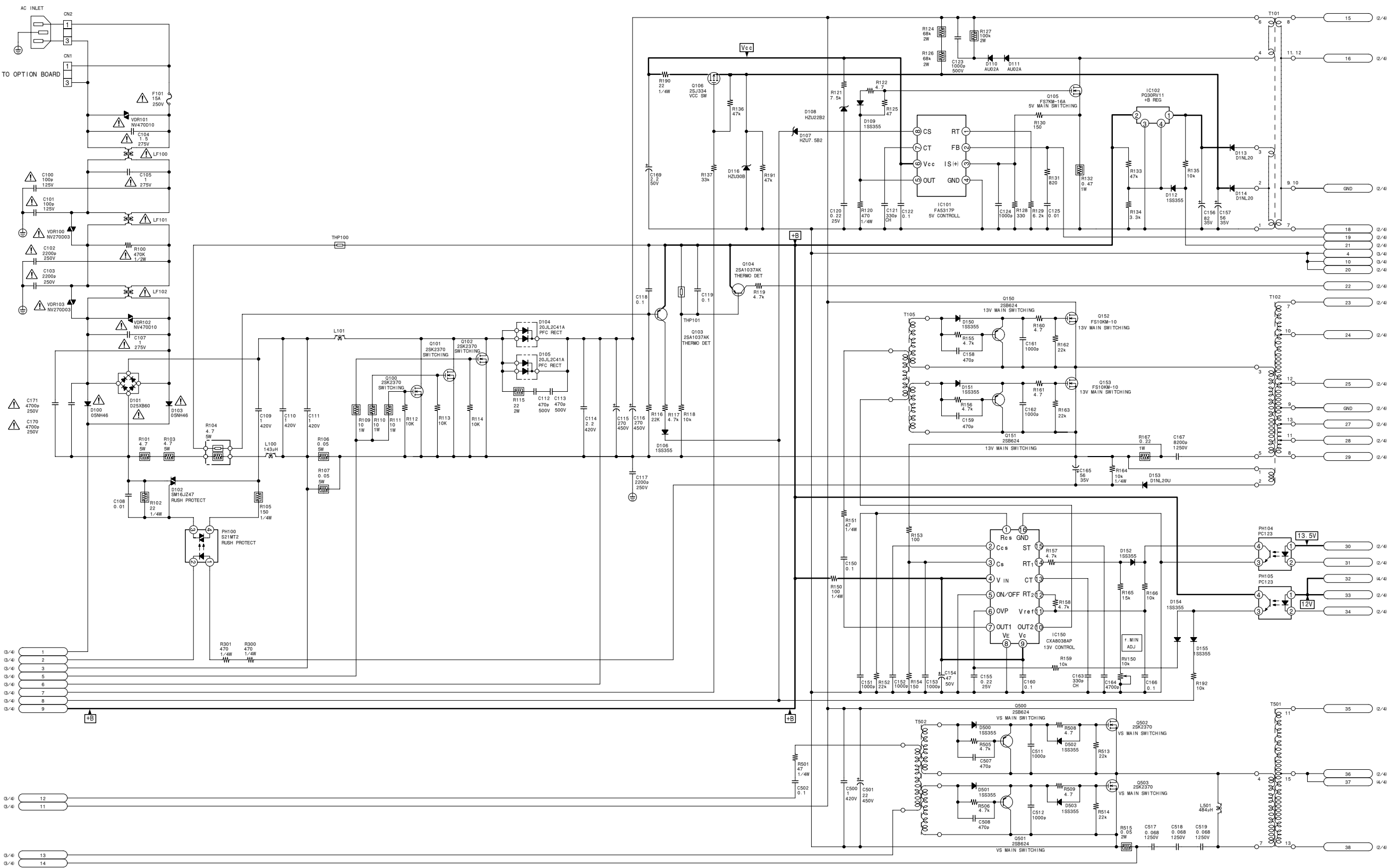
APS-132 M BOARD
* : B SIDE

D100	*F-6	IC201	*C-1
D101	*F-6	IC203	*C-2
D102	*F-4	IC250	*C-5
D103	*F-6	IC251	*B-3
D104	*F-4	IC252	*C-5
D105	*F-3	IC253	*B-3
D106	*G-5	IC254	*B-5
D107	*E-3	IC300	*F-2
D108	*D-1	IC301	*E-1
D109	*E-2	IC302	*F-3
D110	*E-2	IC400	*C-10
D111	*E-2	IC401	*C-10
D112	*E-1	IC402	*B-2
D113	*D-2	IC403	*A-11
D114	*D-2	IC500	D-11
D116	*E-2	IC600	*C-6
D150	*D-3	IC601	*C-6
D151	*E-3	IC602	*B-5
D152	*D-4	IC603	*C-5
D153	*D-3	IC700	D-6
D154	*D-5		
D155	*D-5	Q100	*G-3
D200	*B-2	Q101	*G-2
D201	*C-2	Q102	*G-1
D202	*C-2	Q103	*G-5
D203	*A-1	Q104	*G-5
D205	*C-2	Q105	*E-2
D206	*C-1	Q106	*E-2
D250	*B-4	Q150	*D-3
D251	*B-4	Q151	*E-4
D252	*B-3	Q152	*E-3
D253	*C-5	Q153	*E-4
D254	*C-5	Q200	*C-1
D255	*C-5	Q201	*B-1
D256	*C-5	Q202	*A-1
D257	*B-5	Q203	*A-1
D258	*B-10	Q204	*B-1
D259	*A-1	Q205	*A-1
D260	*A-2	Q206	*A-1
D261	*A-3	Q207	*B-2
D262	*A-2	Q250	*C-5
D263	*A-3	Q251	*C-5
D300	*F-3	Q300	*F-4
D301	*F-2	Q301	*F-1
D302	*F-1	Q302	*F-1
D303	*F-2	Q303	*F-1
D304	*F-2	Q304	*F-2
D305	*F-1	Q305	*E-3
D306	*F-3	Q400	*C-11
D307	*E-4	Q401	*C-11
D400	*C-10	Q402	*C-11
D401	*C-9	Q403	*B-11
D402	*B-12	Q404	*B-11
D403	*C-11	Q405	*A-10
D404	*C-11	Q406	*A-10
D405	*C-11	Q500	*E-10
D406	*C-11	Q501	*E-9
D407	*B-11	Q502	*E-10
D408	*A-11	Q503	*E-9
D409	*A-11	Q600	*C-7
D500	*E-10	Q601	*C-7
D501	*E-9	Q602	*C-6
D502	*E-9	Q603	*B-6
D503	*E-9	Q604	*C-6
D504	*D-10	Q605	*A-5
D600	*C-5	Q606	*A-5
D601	*C-7	Q700	*E-8
D602	*C-6	Q701	*E-7
D603	*C-6	Q702	*E-8
D604	*C-8	Q703	*E-7
D605	*C-7		
D606	*B-5	RV150	*D-4
D607	*C-5	RV201	*B-1
D608	*A-5	RV250	*C-5
D700	*E-8	RV300	*F-1
D701	*E-7	RV400	*C-11
D702	*E-8	RV401	*C-10
D703	*E-8	RV402	*A-11
D704	*D-6	RV500	*D-10
		RV600	*C-6
		RV601	*B-6
		RV602	*B-6
		RV700	*D-6
IC101	D-1		
IC102	*E-2		
IC150	D-5		
IC200	*C-3		

APS-132 M - A SIDE -
SUFFIX: -11

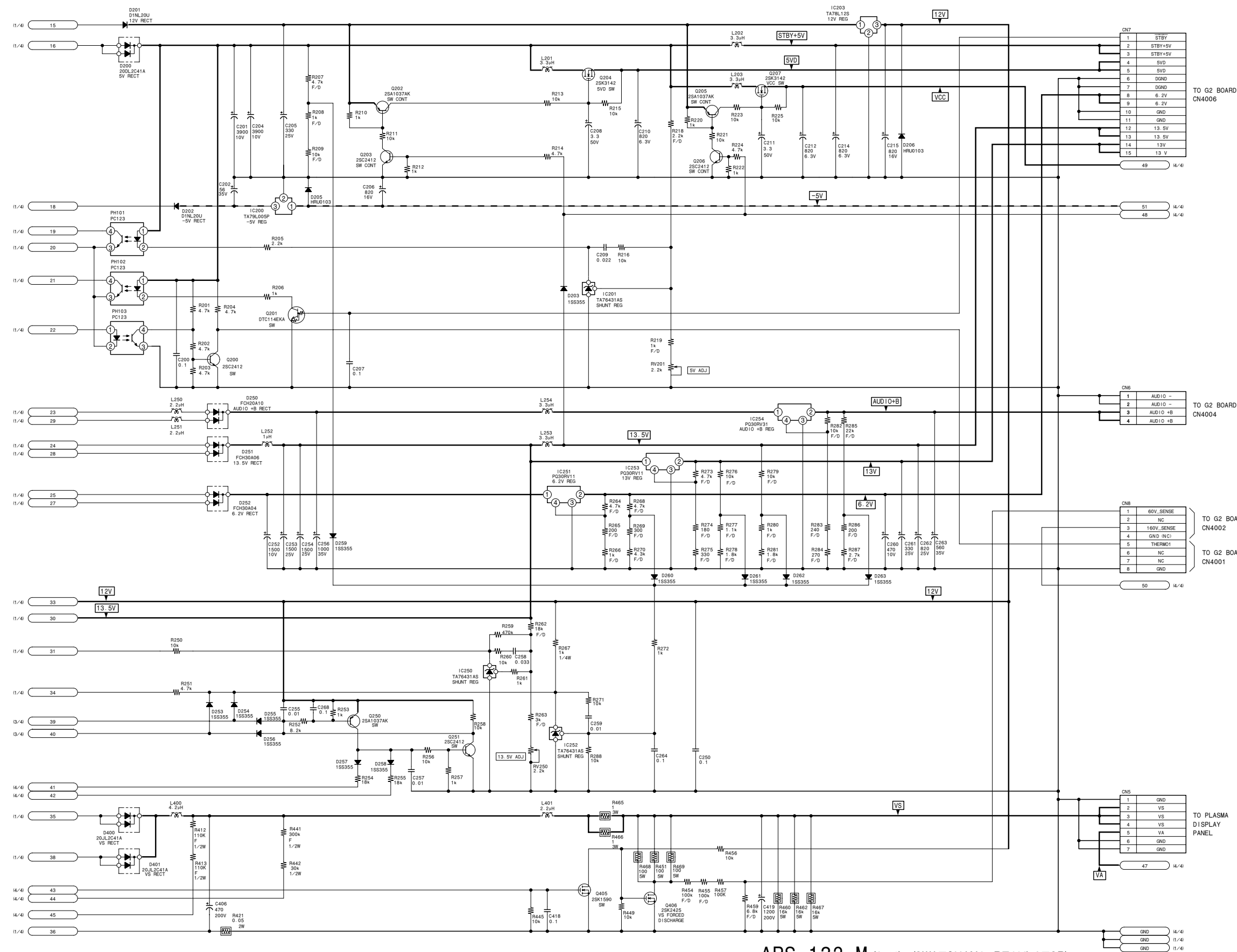


APS-132 M - B SIDE -
SUFFIX: -11



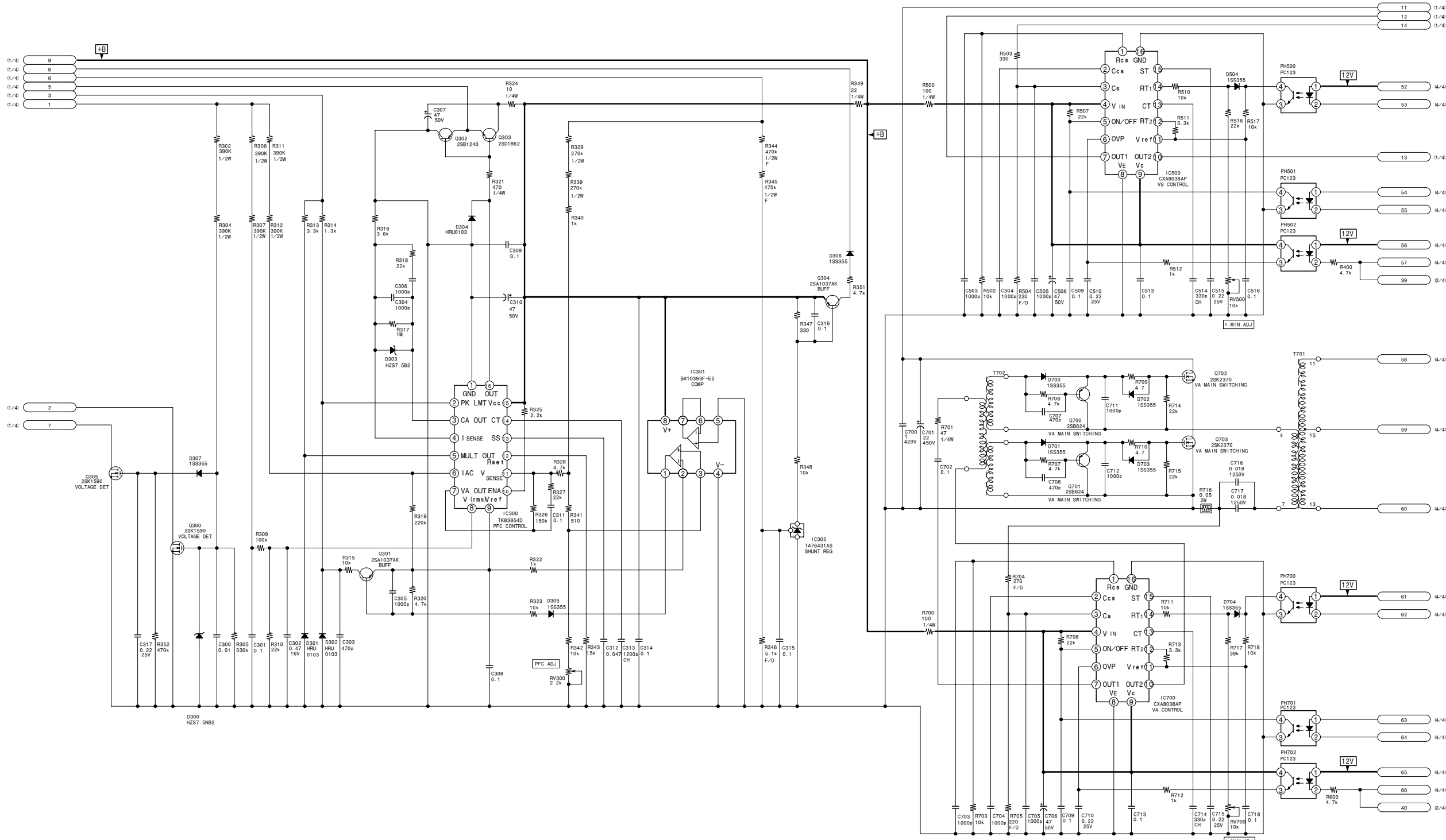
APS-132 M (1/4) (SWITCHING REGULATOR)

APS-132 M (2/4) APS-132 M (2/4)



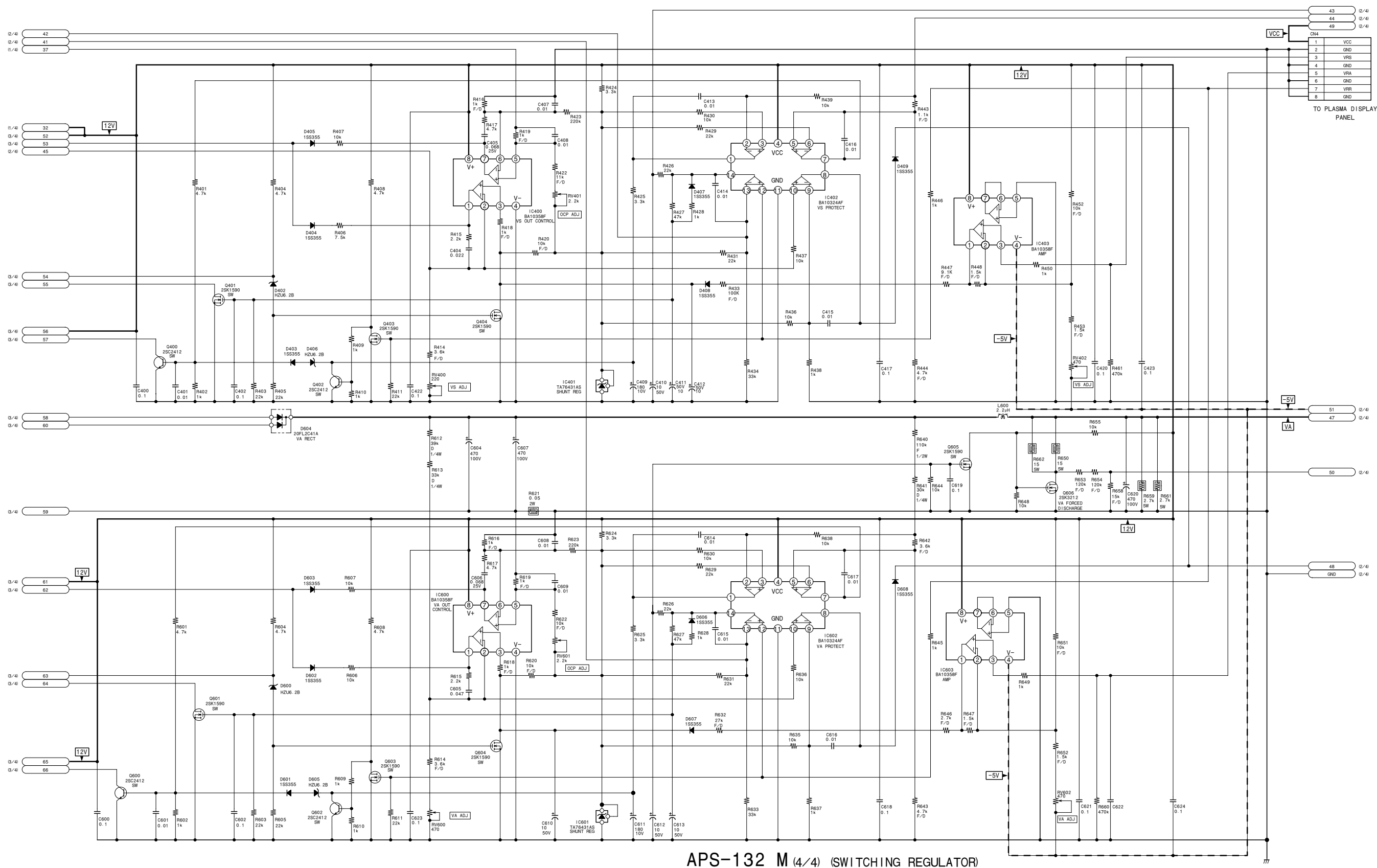
APS-132 M (2/4) (SWITCHING REGULATOR)

APS-132 M (3/4)



APS-132 M (3/4) (SWITCHING REGULATOR)

APS-132 M (4/4)



APS-132 M (4/4) (SWITCHING REGULATOR)

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